Fun with Maths 1.2

RECOMMENDED FOR USE IN GRADE 1

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GRADE _____

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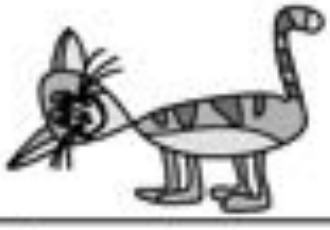
Book 1 Part 2



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Numbers operations and Relationships

1. Join the dots starting at 1.

2. Trace over the number symbols 11-20 then write them in the blocks below.

11	12	13	14	15	16	17	18	19	20

3. Finish building the number wall using the number symbols 1-20.

6	7	8	9	10	
1	2	3	4	5	

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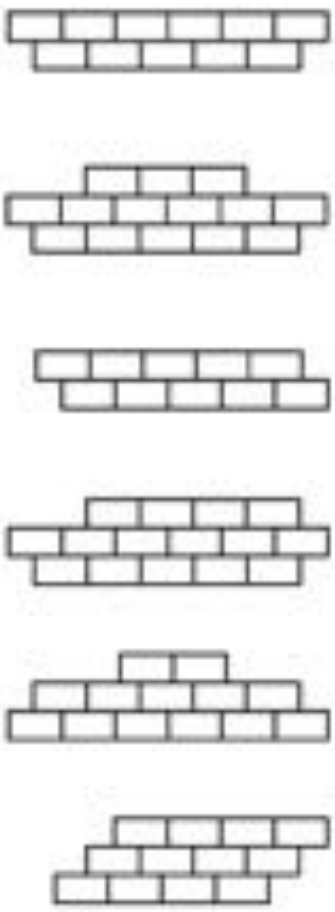
Date: _____

Match the words to the objects.

one
two
three
four
five
six
seven
eight
nine
ten

Date: _____

Draw lines from the trucks to the correct number of bricks.



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2. Fill in the missing number name.

One, _____ buckle my shoe.

Three, _____ knock at the door.

Five, _____ pick up sticks.

Seven, _____ lay them straight.

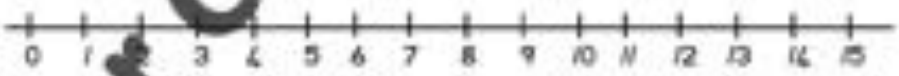
Nine, _____ a big fat hen.

four
eight
six
two
ten

3. Write the correct number names.

Date: _____

Ordering numbers



Fill in the missing numbers.

1. 10 12 13 15
2. 10 12 13 15
3. 11 12 14
4. 14 13 11 10
5. 15 13 12 10
6. 14 13 11 10
7. 15 13 12 11
8. 15 14 11

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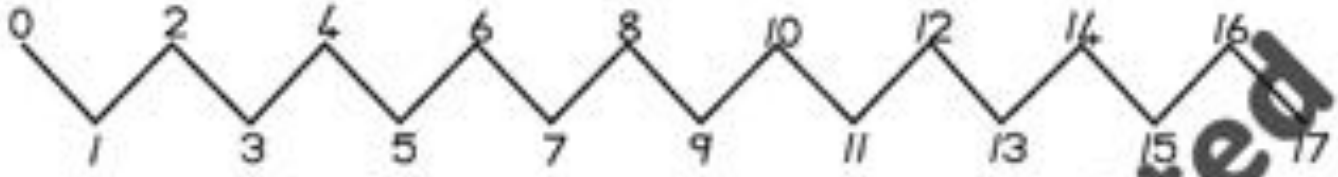
Colour the numbers that are greater than 10.

15	9	12	8	14

Colour the numbers that are smaller than 15.

18	13	10	16	11



11 is 1 more than? ☐☐

11 is 1 less than? ☐☐

13 is 2 more than? ☐☐

13 is 2 less than? ☐☐

15 is 1 more than? ☐☐

14 is 2 more than? ☐☐

12 is 3 more than? ☐☐

12 is 1 less than? ☐☐

Date: _____

1. Fill in the missing numbers.

1	2	3			6	7	8	9	
11	12		14	15		17			20
		23		25	26		28	29	
31	32		34	35	36	37			40
	42	43			46		48	49	
51		53	54	55		57			60
	62				66		68	69	70
		73		75		77			80

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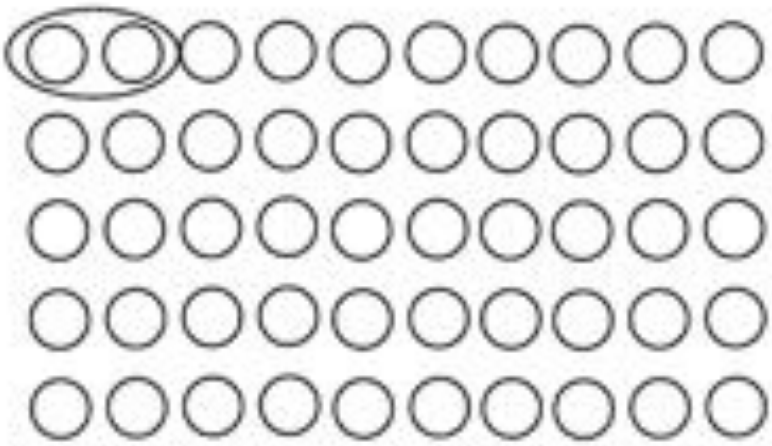
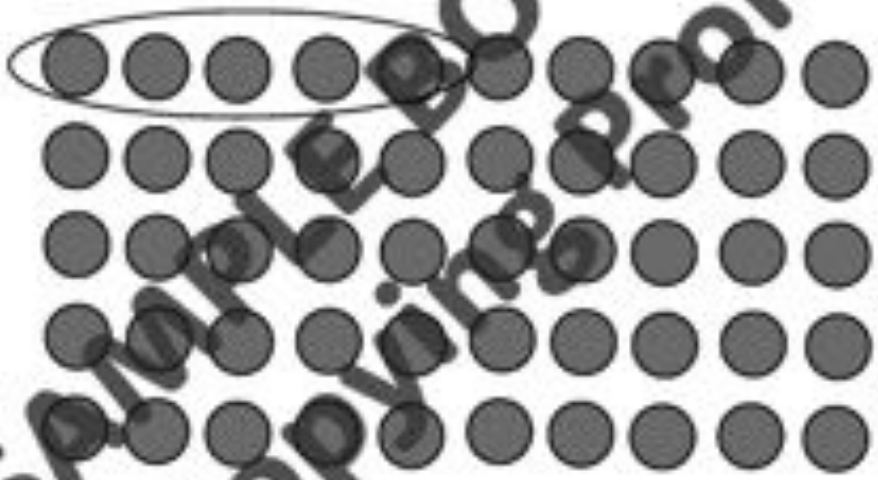
2. Circle all the groups of 2 you can find.



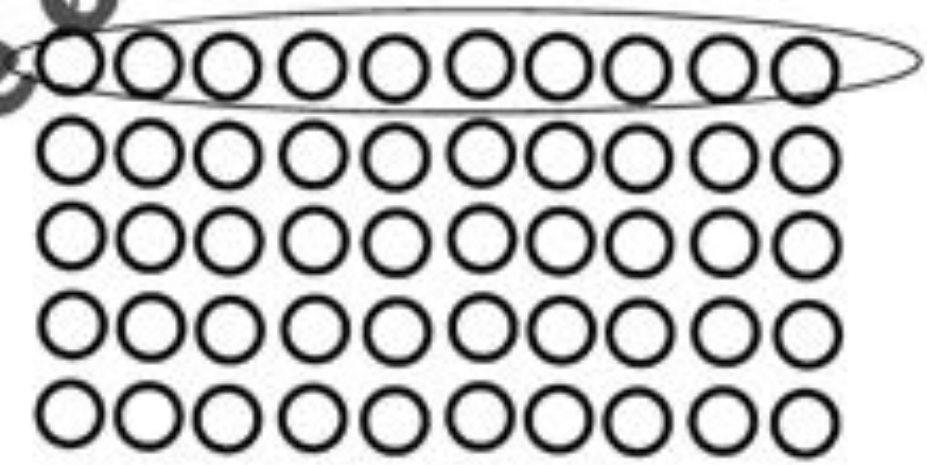
How many groups of 2 did you find? ☐

3. Circle groups of 5.



How many groups of 5 did you find? ☐☐

4. Circle groups of 10.



How many groups of 10 did you find? ☐

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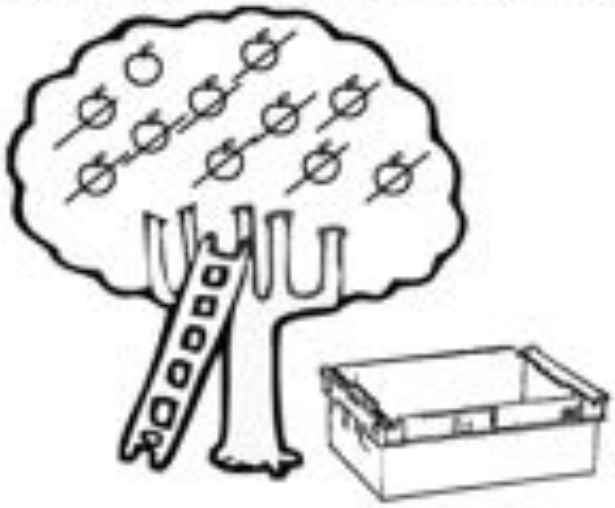
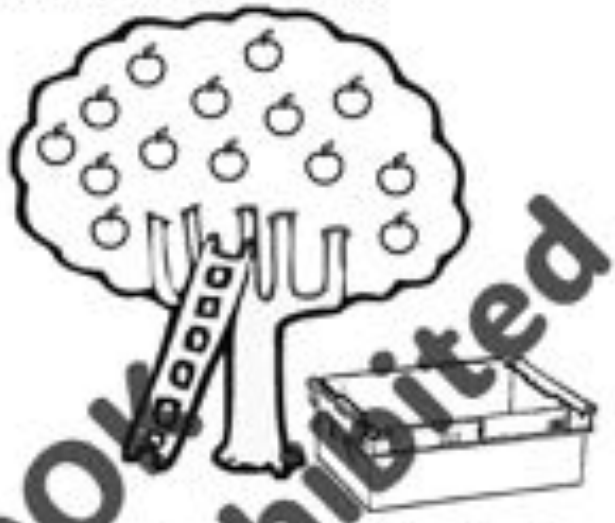
Help Dev pick 10 apples off the tree and place them in the box to sell. Fill in the missing numbers in the number sentences. The answer is the number of apples left on the tree.

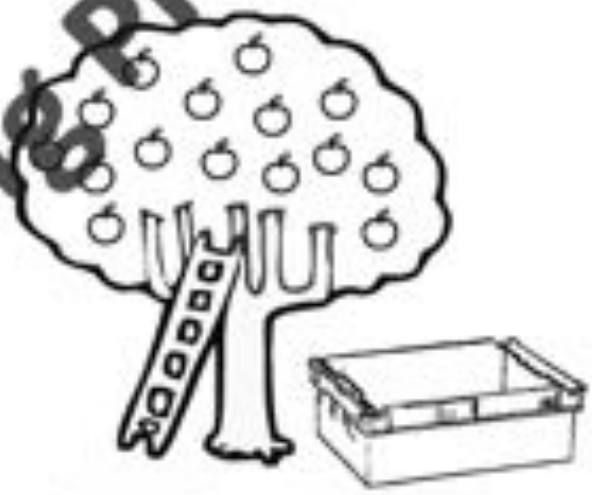


11 − 10 = 1



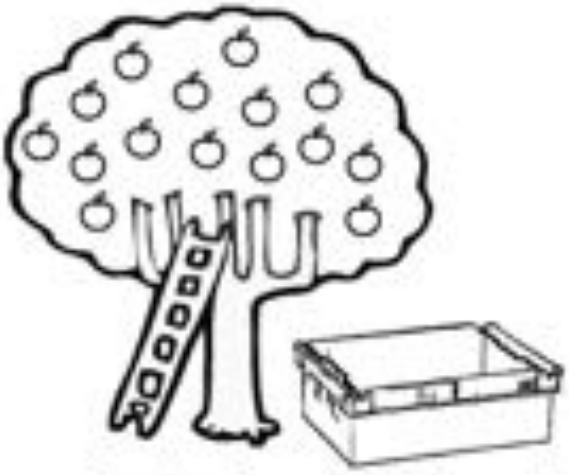
□□ − 10 = □

□□ − 10 = □



□□ − 10 = □

□□ − 10 = □



□□ − 10 = □

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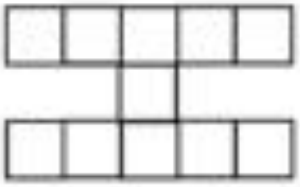
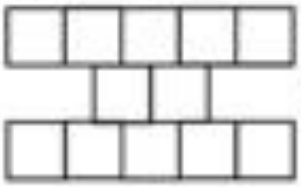


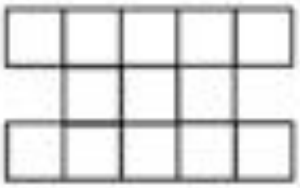
Colour 10 blocks red and the rest green.

11 = 10 + ☐



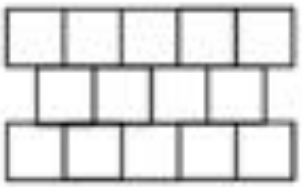
Colour 10 blocks yellow and the rest pink.

12 = 10 + ☐



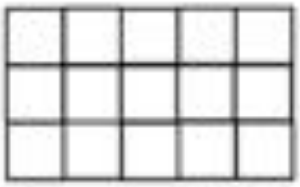
Colour 10 blocks blue and the rest orange.

13 = 10 + ☐



Colour 10 blocks green and the rest brown

14 = 10 + ☐

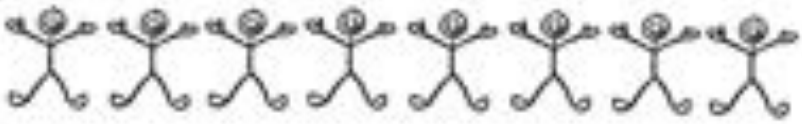


Colour 10 blocks orange and the rest purple

15 = 10 + ☐

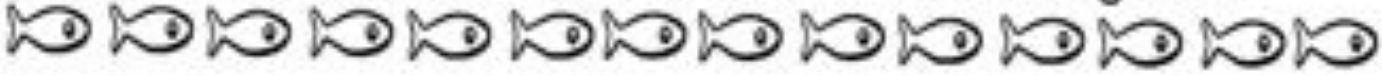
Date: _____ Halving

1. Give half of the children balloons and the other half hats.



Half of 8 is ☐

2. Colour half the fishes red and the other half green.



Half of 14 is ☐

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3. Andile has 12 marbles. If he gives half of them to Tao, how many does he have left? Half of 12 is ☐

4. There are 16 children waiting to go to school. The taxi only has space for half that number of children. How many can go in the taxi? Half of 16 is ☐

5. At the party 18 children are getting ice-creams. Half of the children want chocolate on their ice-creams. How many ice-creams need chocolate? Half of 18 is ☐

6. The farmer has 20 potatoes. He puts half of his potatoes in one bag and the other half in another bag. How many potatoes in each bag? ☐

7. Draw 6 objects.
Half of 6 is ☐

8. Draw 4 objects.
Half of 4 is ☐

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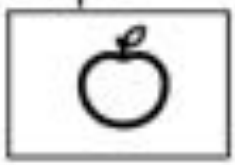
Date: _____ Doubling

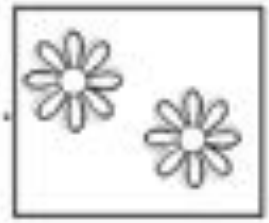
Double the following

Example:



Double 1 is 2

Draw the pictures

1.  Double 2 is ☐

2. Double 3 is ☐

3. Double 4 is ☐

4. Double 5 is ☐☐

5. Double 6 is ☐☐

6. Double 7 is ☐☐

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Date: _____ Doubling

Example:

Double the wheels on 1 car $4 + 4 = 8$

1. Double the toes on 1 foot. $\square + \square = \square\square$

2. Double the wheels on 1 bicycle. $\square + \square = \square$

3. Double the sides on 1 triangle. $\square + \square = \square$

4. Sam's taxi can fit 7 people in it. Topson's taxi can fit double that number of people. How many people can fit into Topson's taxi?

5. Kate is 6 years old. Her older sister is double her age. How old is Kate's sister?

6. How many socks are there in 4 pairs?

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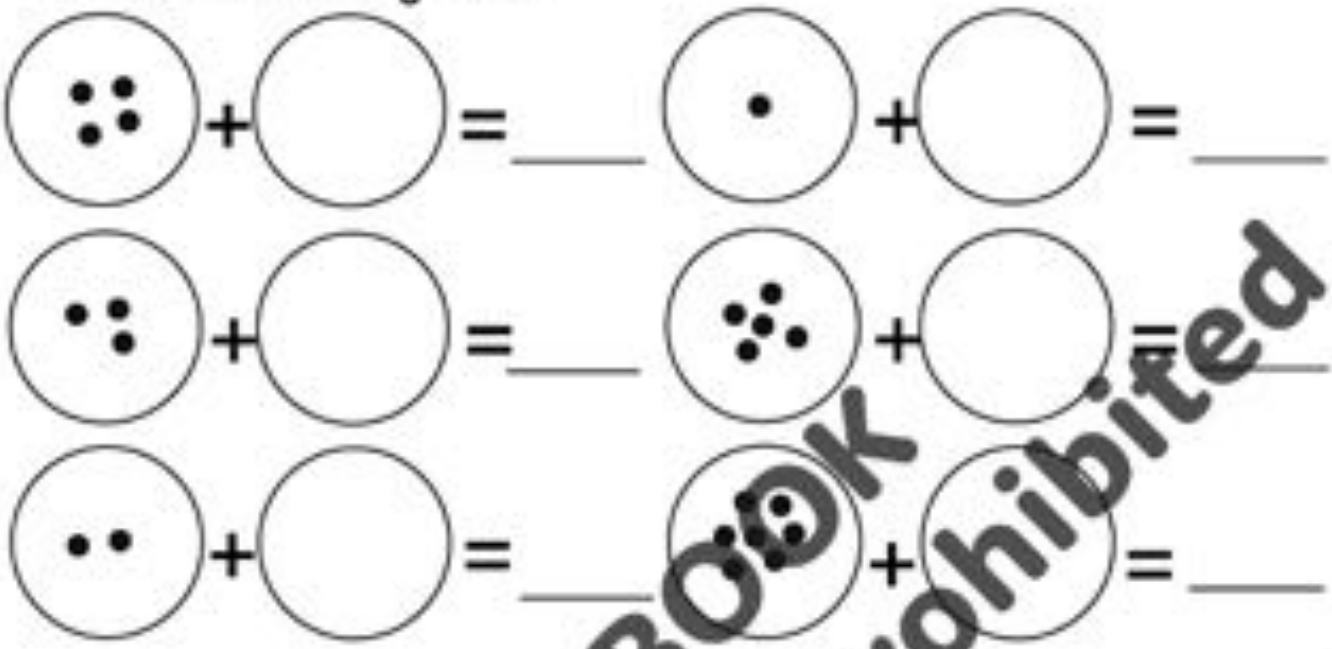
Date: _____

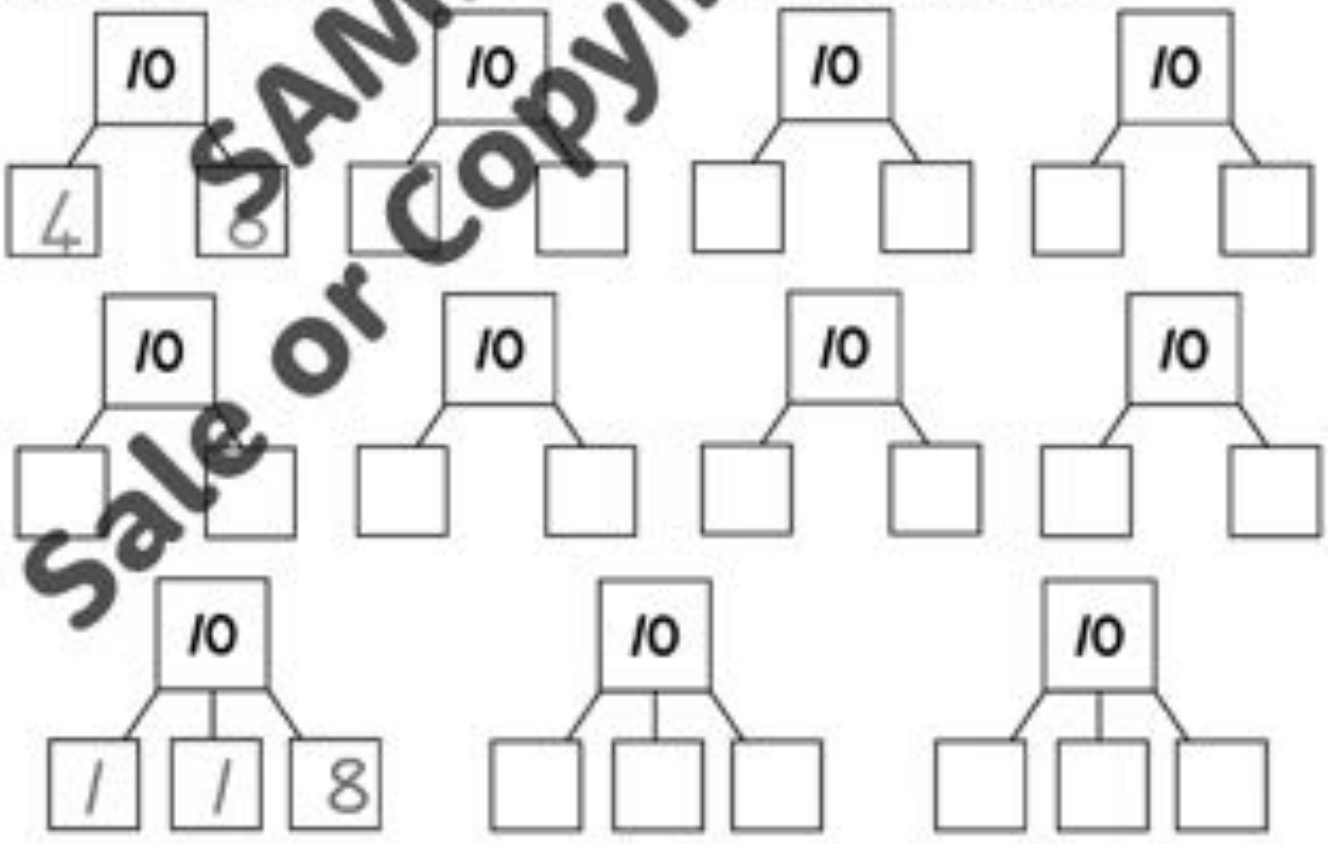
Double the dots by drawing them again in the empty circle.
Then add them together.



Date: _____

Ten

Write in the different combinations that make 10.



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Date: _____

Draw the missing objects to complete the number sentences.

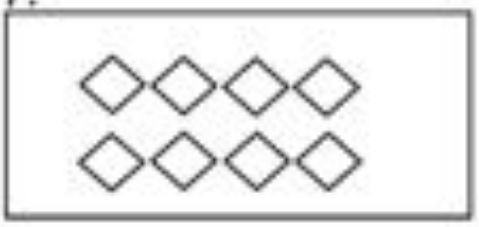
Example:

9 + 3 = 12

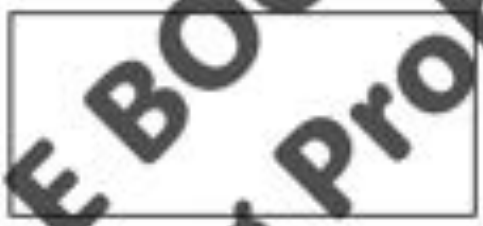
10 + 2 = 12

(9 + 3) = (10 + 2)

1.



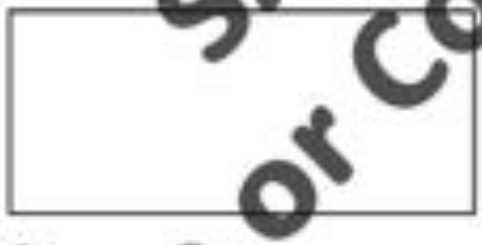
8 + 6 = 14



10 + ☐ = 14

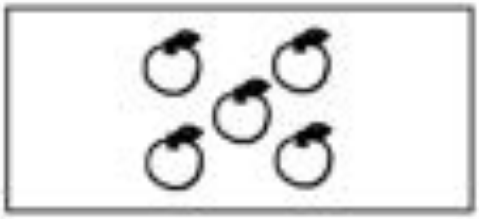
2.

7 + 8 = 15



10 + ☐ = 15

3.



8 + 5 = 13

10 + ☐ = 13

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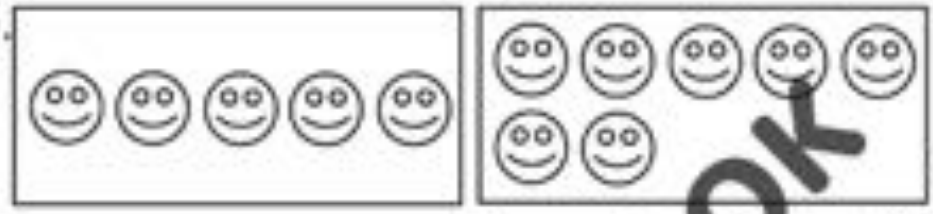
4.

$6 + 9 = 15$

$10 + \square = 15$

5.



$5 + 7 = 12$

$10 + \square = 12$

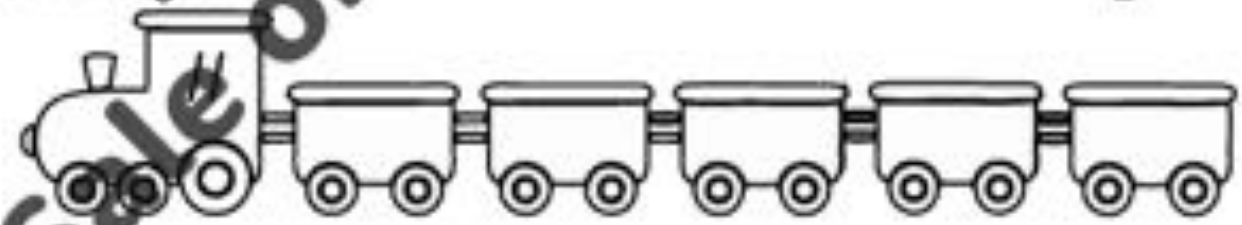
Date: _____

Breaking down numbers

Fill the carriages with balls that equal 11 in total. Write how many balls there are in each carriage.

e.g.

Now do your own.



Fill the carriages with balls that equal 12 in total.

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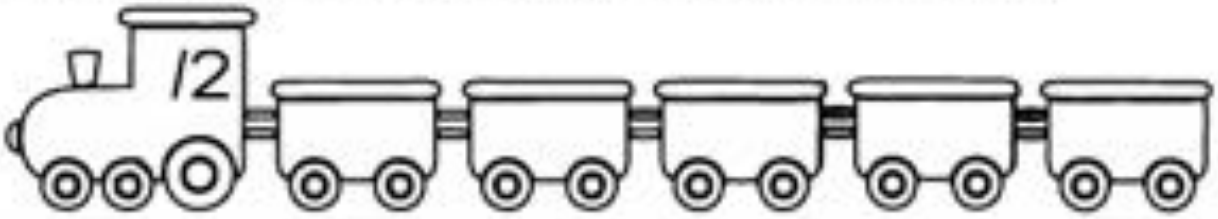
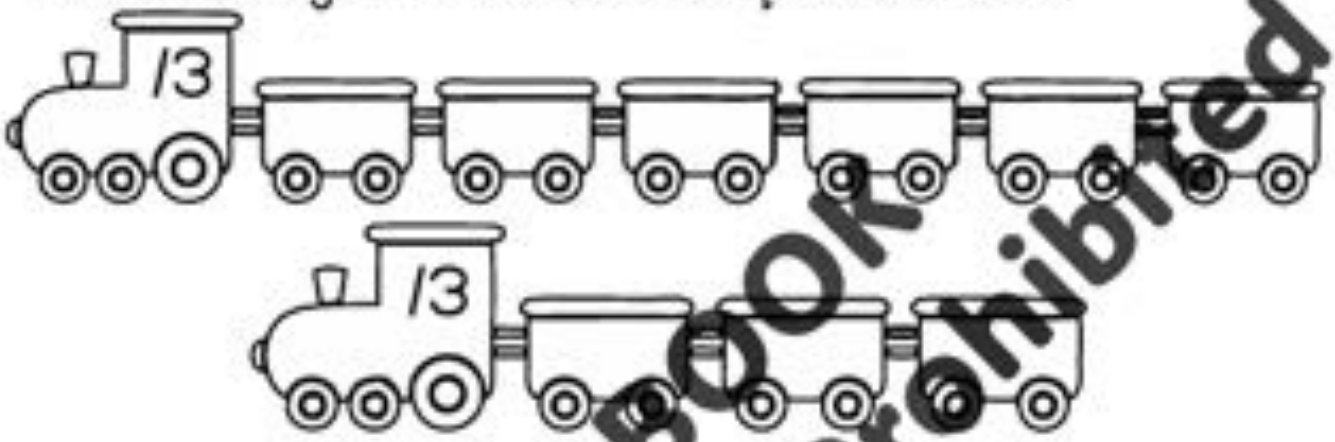
Fill the carriages with balls that equal 12 in total.

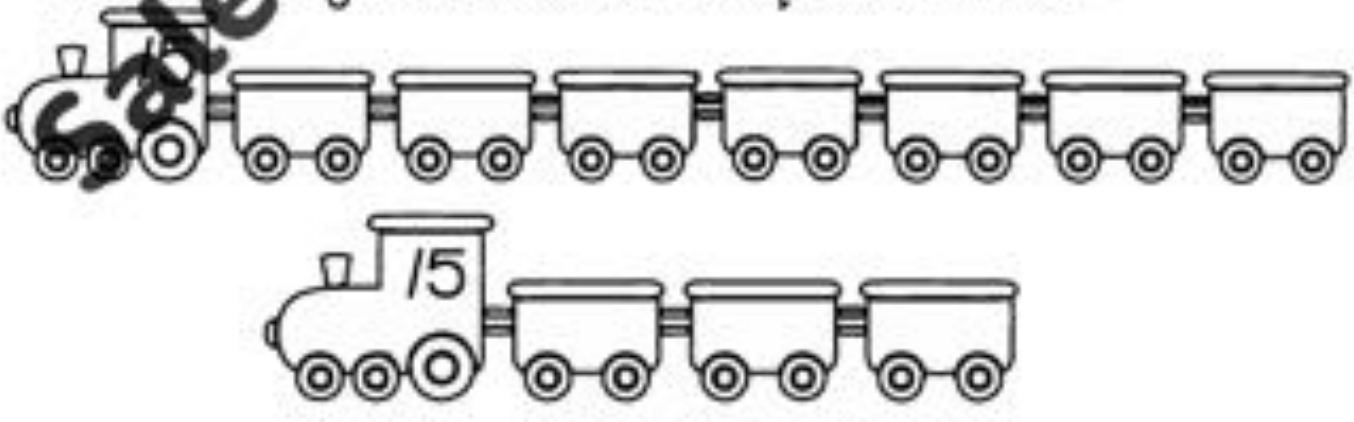


Fill the carriages with balls that equal 13 in total.



Fill the carriages with balls that equal 14 in total.

Fill the carriages with balls that equal 15 in total.



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Date: _____ Word problems

Addition to 15

1. Pat has 4 dogs. Peter has 5 dogs. Jabu has 2 cats. How many pets do they have altogether?

Pat Peter Jabu
4 + 5 + 2 = 11 pets altogether.
dogs dogs cats

2. Stu has 3 cars. He goes to play with Andy who has 9 cars How many cars do they have altogether?

3. There are 4 bees on the flower. 8 more bees arrive. How many bees are there now?

4. All the houses on the street have 3 doors and 2 windows. How many doors and windows will there be on 3 houses?

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5. Em has 9 more balls than Kit. Kit has 4 balls. How many balls does Em have?

6. There were a few bananas in the fruit bowl. 5 more bananas were added. There are now 14 bananas in the fruit bowl. How many bananas were there to start with?

Date: _____ Word problems

Subtraction 0 – 15 number range

1. The teacher has 14 pairs of scissors. She gives 5 away. How many does she have left?

3. There are 6 children in the park. 6 more join them. Later 2 go home for lunch. How many children are left in the park?

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4. The builder has 15 bricks, he uses 12 bricks. How many bricks does he have left?

5. There are 11 children in the park. 5 of them are boys. How many girls are there?

6. Luke has 13 candles on his cake. He blows 9 candles out. How many candles are still burning?

7. Ten children each have a balloon. Three of the balloons fly away. How many balloons are left?

8. Tony has 14 books. He has read 8 of them. How many books does he still have to read?

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Date: _____ Repeated Addition

1. There are 7 birds on the line. How many legs?

2. There are 3 dogs in the kennel. How many ears?

3. One cow has 4 legs. How many legs do 3 cows have?

4. A bird has 2 wings. How many wings do 4 birds have?

5. How many fingers are there on 2 hands?

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6. There are 3 apples in a bag. How many apples in 5 bags?

7. Four houses have 2 chimneys each. How many chimneys?

Date: _____

Problems involving grouping and sharing

Draw the picture to show your answer.

1. Twelve girls need to get into teams with 3 girls in each team. How many teams will there be?

2. Fred has 15 apples to put into 5 bags. How many apples will he put in each bag?

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3. Mom puts 14 tomatoes on 2 pizzas. How many tomatoes does she put on each pizza?

4. Mavis has 13 flowers and 3 vases. How many flowers can she put into the vases so that they have the same number of flowers? Are there any left over?

5. Suzie wants to hang 10 dresses on the washing line. She needs 2 pegs for each dress but she only has 19 pegs. How many dresses can she hang?

6. Lebo has 15 sweets to share with his 3 friends. He eats 2. How many sweets will his friends get? Will there be any left over?

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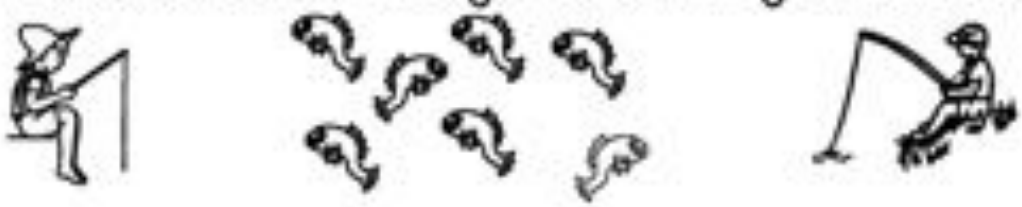
Date: _____

Word problems - Sharing and Grouping with remainders.

1. Two boys catch 7 fish altogether. Share the fish equally between the two boys. How many fish are left over?



2. There are 9 puppies and 2 baskets. How many puppies can fit into each basket so that there are the same number in each basket? How many are left out?

3. There are 4 nests and 10 eggs. Share the eggs equally amongst each nest. How many eggs are left?

4. Amber sells muffins in boxes. There are 2 muffins in each box. She has 8 muffins.
How many boxes does she need?

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5. Two friends are sharing 13 marbles. How many marbles do they each get? Are any left over?

6. We have 15 balloons. If we put the balloons in bunches of 5, how many bunches will we have?

Date:_____

Money

5c 10c 20c 50c

R1 R2 R5 R10 R20

1. Richard wanted to buy 2 sweets for 5c each and one chocolate for 10c. How much money will he need?

5c + 5c + 10c

2. Drew would like to buy 4 sweets for 5c each. How much money would he need?

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3. Granny gives 12 cents to her 2 grandchildren. How many cents does each one get?

4. Sonay has 12 cents. Pumi has 3 cents less than Sonay. How much money does Pumi have?

5. Jonno had R10 and he bought an apple for R3. How much change does he get?

6. Megan had a R10 note and a R5 coin. She gave Abby the R5 and used half of her R10 on sweets. How much money does she have left?

7. Liam had R10. He spent R8 and lost R2. How much money does he have left?

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Date: _____

1. For her birthday Sizwe received R10 from her mom, R10 from her Granny and R10 from her aunt. How much money did Sizwe get altogether?

2. Lizzy has R15 in her money box. She wants to keep R5. How much money can she spend?

3. How many sweets you would have if you had 10 cents and each sweet cost 1 cent.

4. Granny gives 12 Rand to her 2 grandchildren. How many Rands does each one get?

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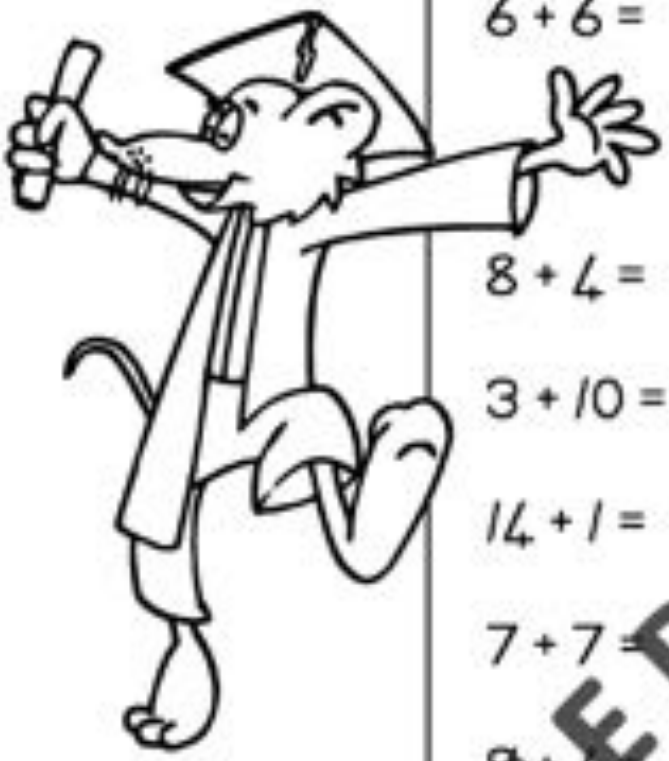
Date: _____ Fill in the answers



6 + 6 = ☐☐

8 + 4 = ☐☐

3 + 10 = ☐☐

14 + 1 = ☐☐

7 + 7 = ☐☐

9 + 4 = ☐☐

5 + 9 = ☐☐

9 + 2 = ☐☐

7 + 5 = ☐☐

11 + 4 = ☐☐

13 + 2 = ☐☐

8 + 3 = ☐☐

6 + 8 = ☐☐

2 + 12 = ☐☐

15 - 10 = ☐

14 - 9 = ☐

12 - 7 = ☐

13 - 11 = ☐

13 - 12 = ☐

11 - 5 = ☐

13 - 3 = ☐☐

10 - 4 = ☐

11 - 2 = ☐

12 - 3 = ☐

13 - 8 = ☐

15 - 4 = ☐☐

14 - 6 = ☐

10 - 1 = ☐

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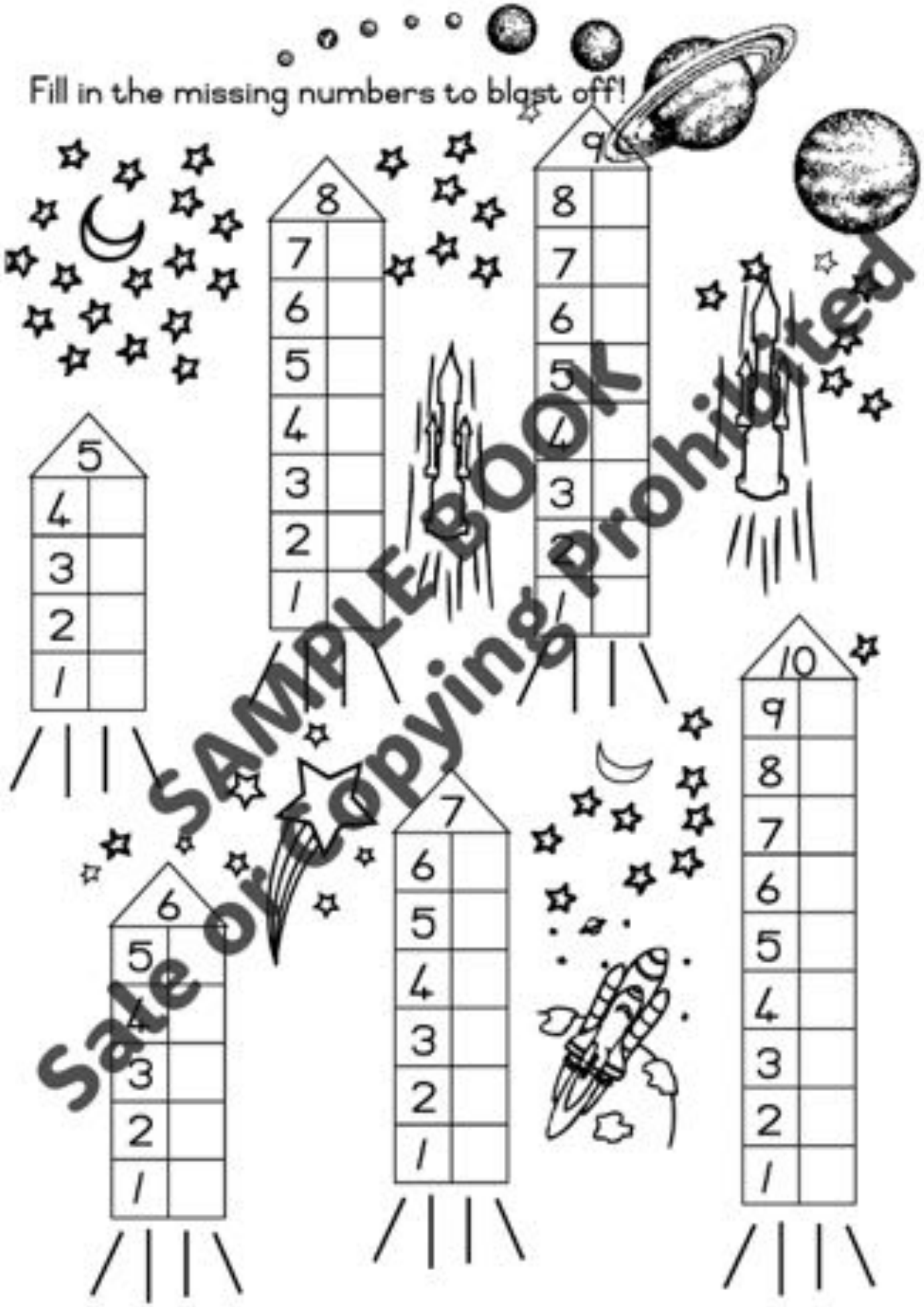
Date:_____ Number bonds

Fill in the missing numbers to blast off!



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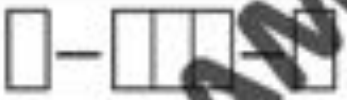
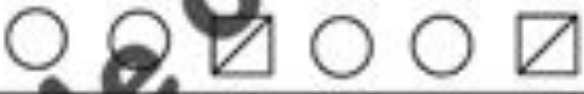
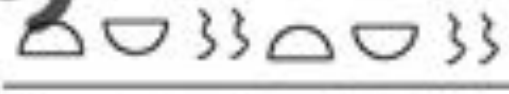
Complete these patterns. Stop at the end of the line.

1.
2.
3.
4.
5.
6.
7.
8.
9. 
10.
11.
12. 
13.
14. 
15.
16.

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Date:_____ Number Sequences

Fill in the missing numbers.

1 2 3 ☐ 5 6 ☐ ☐ 9 ☐☐ ☐☐ ☐☐ ☐☐ 14

15 ☐☐ 13 ☐☐ ☐☐ ☐☐ 9 8 7 ☐ ☐ 4 ☐ ☐ ☐

23 ☐☐ 25 ☐☐ 27 ☐☐ 29 30 31 ☐☐ ☐☐

34 ☐☐ ☐☐

44 45 ☐☐ ☐☐ 48 49 ☐☐ ☐☐ ☐☐ 63 ☐☐ ☐☐

68 ☐☐ 66 ☐☐ 64 ☐☐ ☐☐ 61 60 ☐☐ ☐☐ ☐☐

80 79 ☐☐ ☐☐ 76 ☐☐ 74 ☐☐ ☐☐ 71 ☐☐ ☐☐

Date:_____ Number sequences

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

1. Count in 10's. Colour all the numbers from 10-80 in red.
2. Count in 5's. Circle all the blocks from starting at 5.
3. Count in 2's. Colour all the blocks from 62-78 in green.

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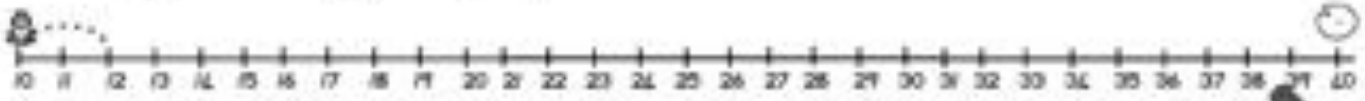
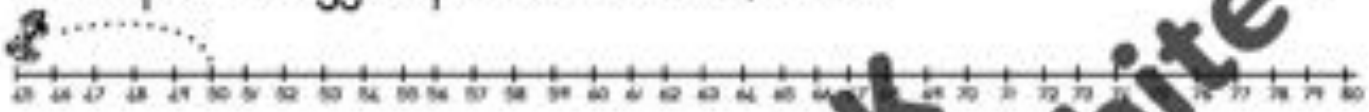
4. Help the frog hop in 5's from 0-30.

5. Help the baby frog hop in 2's from 10 to 40.



6. Help the dog jump in 5's from 45-80



7. Help the grasshopper get to number 80 by colouring every tenth circle. Start counting at 1 (do not colour number 1). How many circles have you coloured in? ☐

8. Help the bunny hop in 2's from 46 to 80.

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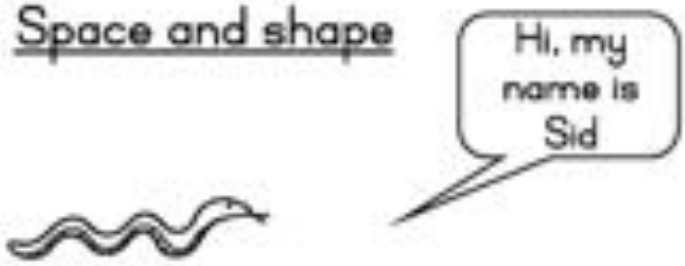
Date: _____ Space and shape



1. Draw Sid on top of the box.

2. Draw Sid inside the box.

3. Draw Sid under the box.

4. Draw Sid next to the ball.

5. Draw Sid in front of the ball.

6. Draw Sid to the left of the ball.

7. Draw Sid to the right of the ball.

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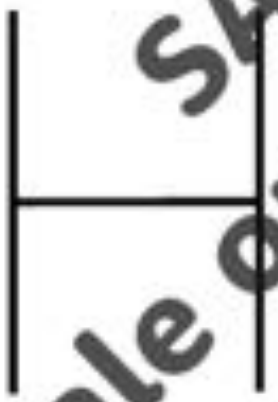
1. Draw in the line of symmetry for each picture- remember each side of the picture must be a mirror image of the other side.

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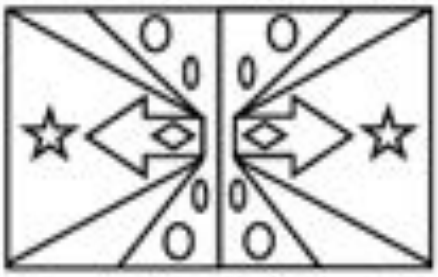
2. Take a piece of paper and fold it in half to find the line of symmetry. Decorate each side, e.g.



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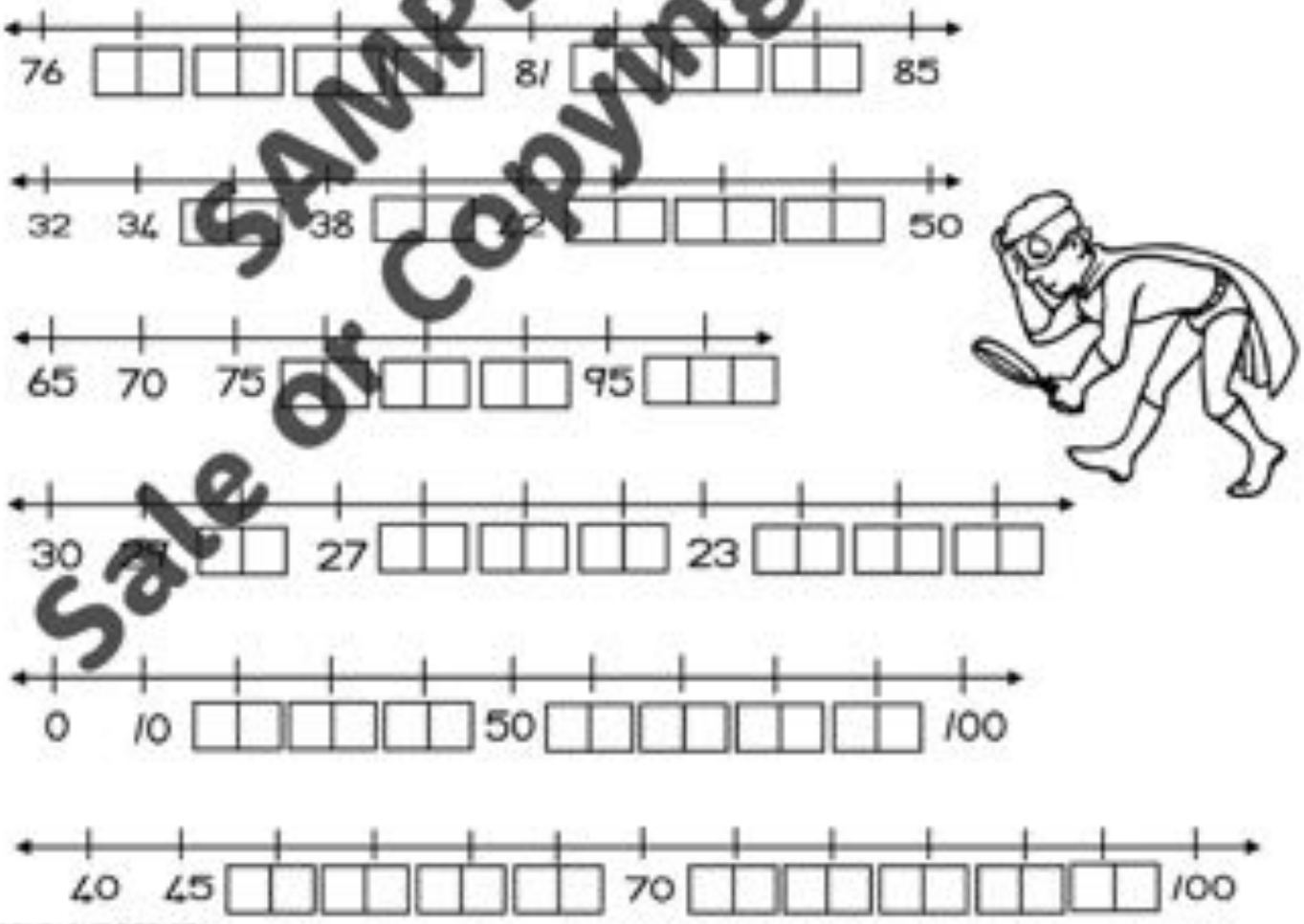
Date: _____

Numbers, operations and relationships
Counting with whole numbers

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1. Fill in the missing numbers.



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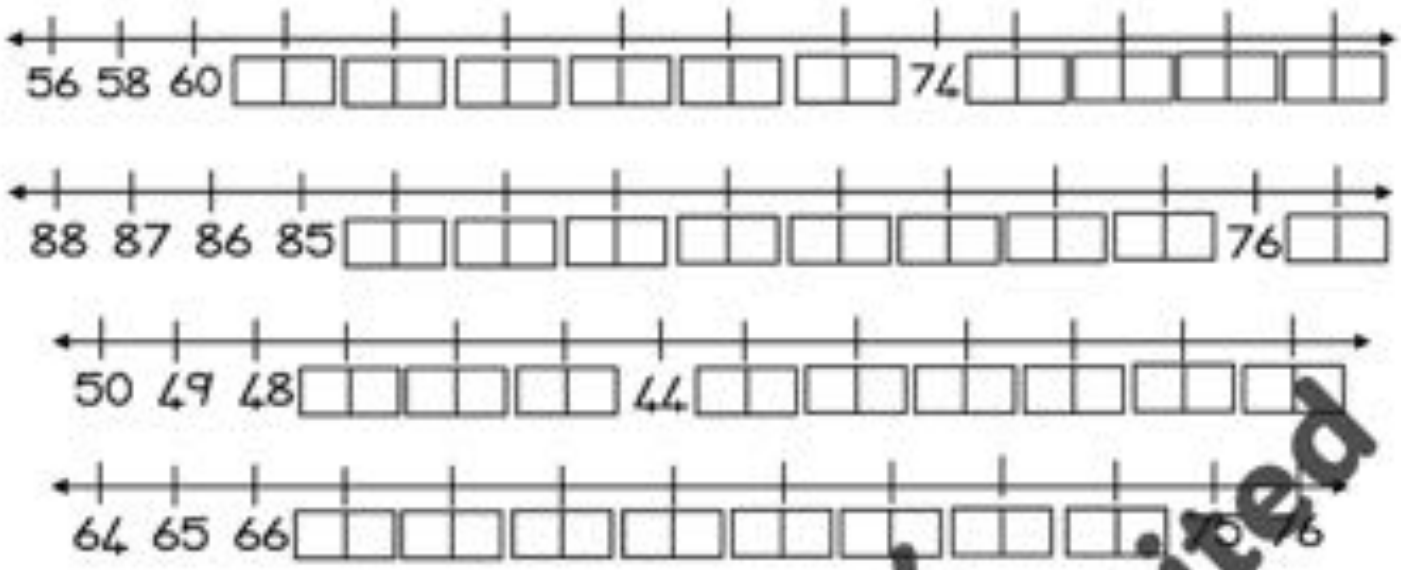
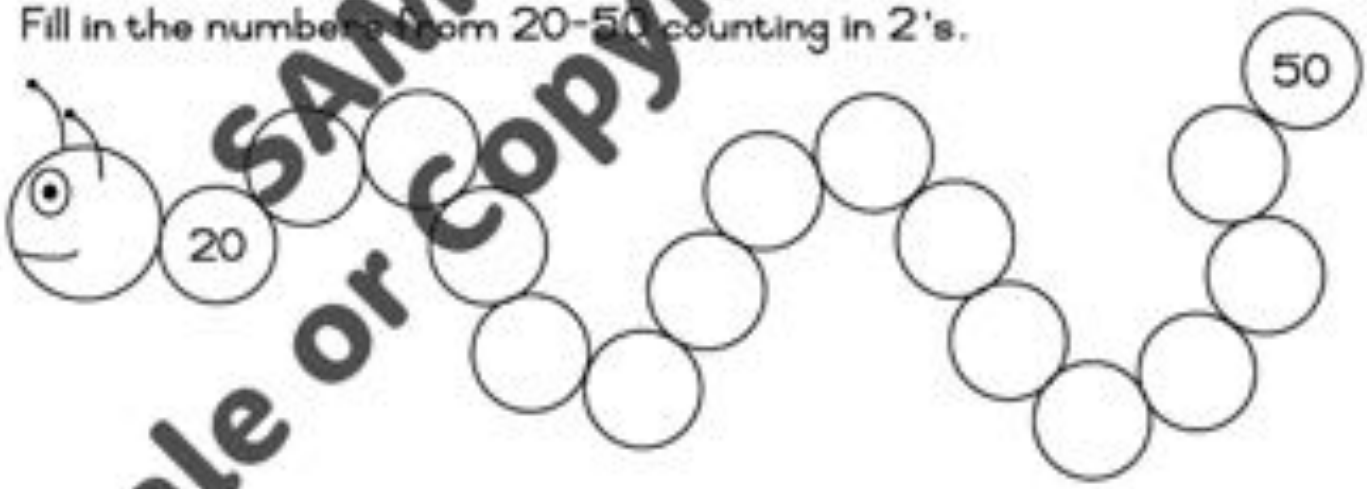
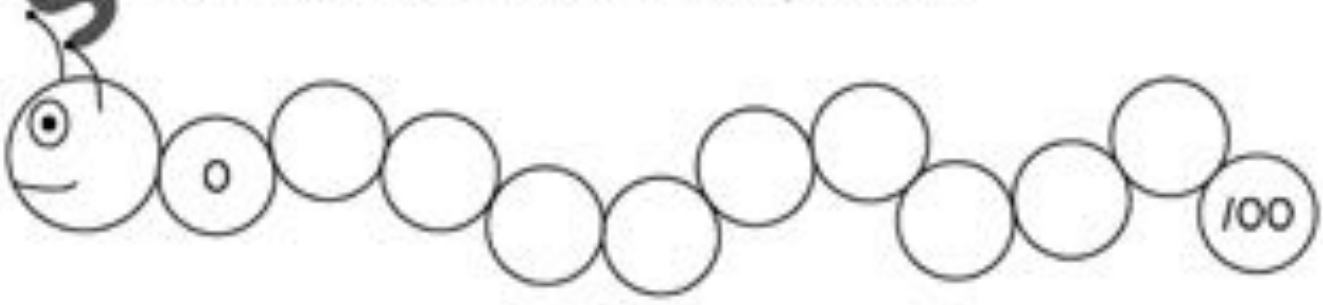


Fill in the missing numbers from 0-50 by counting in 5's.

Fill in the numbers from 20-50 counting in 2's.



Fill in the numbers from 0-100 counting in 10's.



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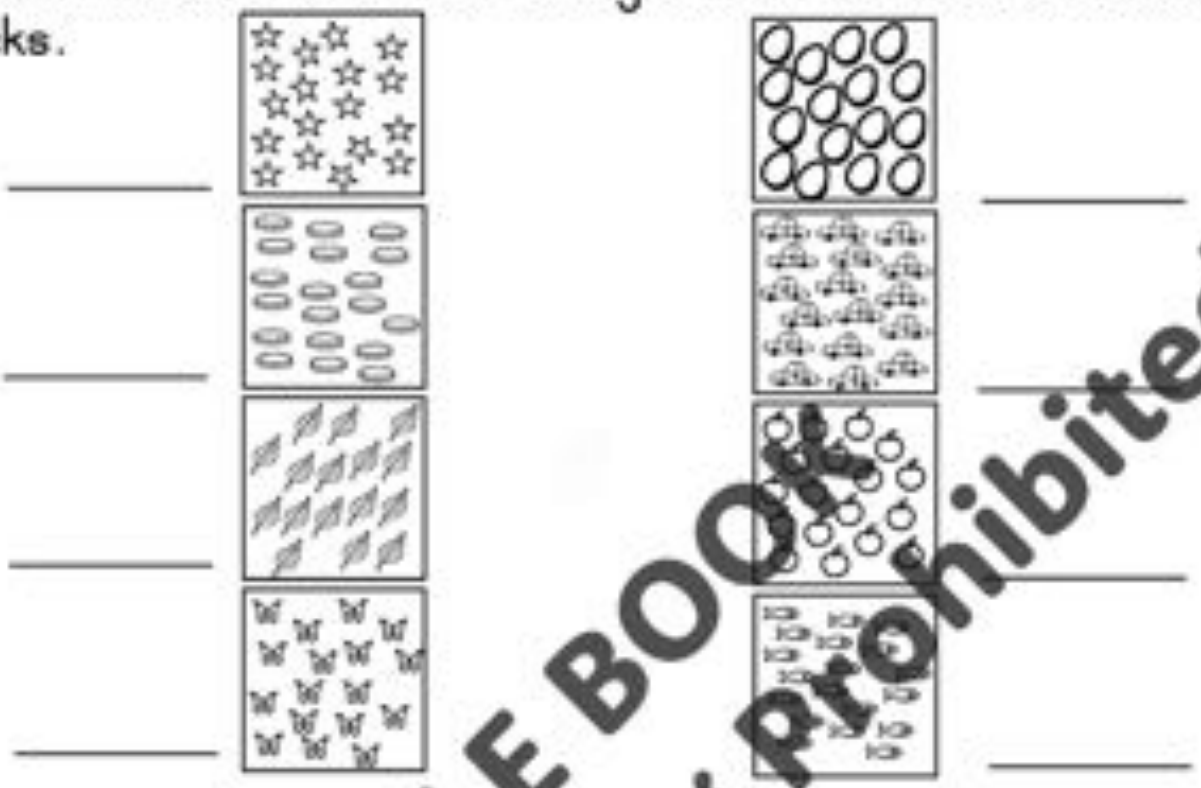
Date:_____

Draw lines to show which groups have the same number of objects. Write the number of objects on the lines next to the blocks.



Draw apples so that the horse has more apples than the pig.

Draw blocks so that the baby has less than the child.

Tumi has 9 sweets. Sid has 8 sweets. Who has fewer sweets? _____

How many more sweets would Sid need to have an equal number of sweets as Tumi?

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Date: _____

1	2	3	4		6	7	8	9	10
11		13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	
31	32	33	34	35		37	38	39	40
	42	43	44	45	46	47	48	49	
51	52		54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73		75	76	77	78	79	80
	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98		100

Draw the picture that is in the

30th block

67th block

99th block

41st block

5th block

53rd block

74th block

88th block

36th block

12th block

Draw a picture in the

50th block

81st block

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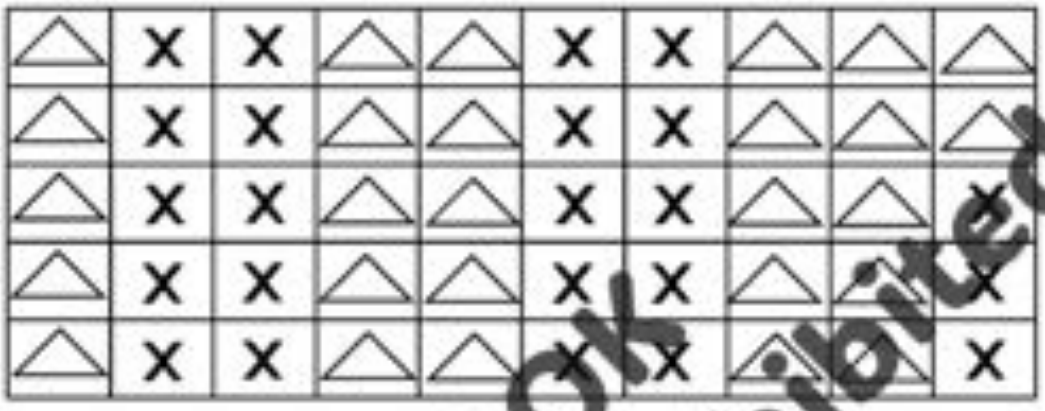
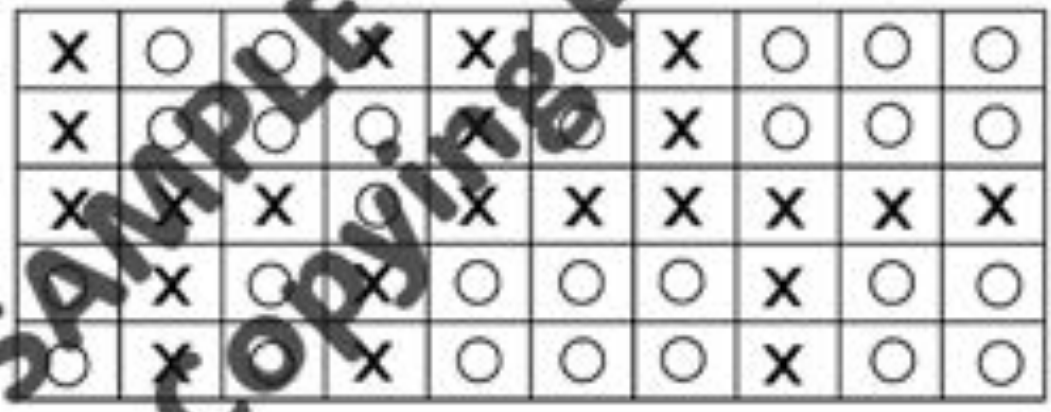
Date: _____

Counting with whole numbers

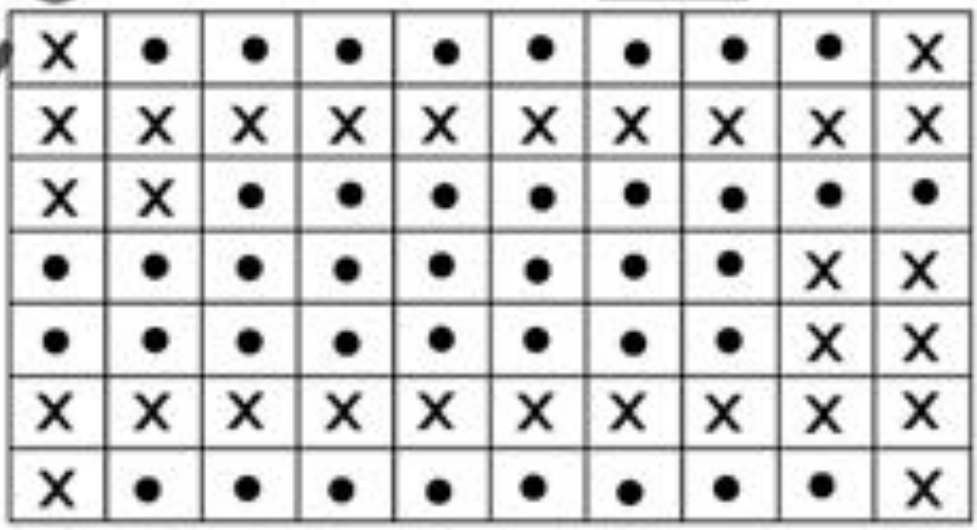
1. Count the triangles. Use grouping to help you.
How many triangles are there? ☐☐



2. Count the cirlces. Use grouping to help you.
How many circles are there? ☐☐



3. Count the dots. Use grouping to help you.
How many dots are there? ☐☐



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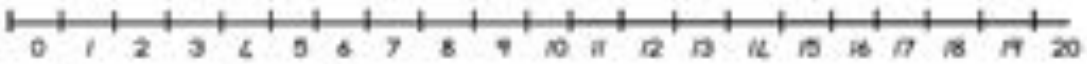
Date: _____ Ordering numbers to 20



Look at the number line.

1. Which number comes before 16? ☐☐

2. Which number comes after 17? ☐☐

3. Which number comes between 15 and 17? ☐☐

4. Write the numbers smaller than 10 anywhere in the box.

5. Write the numbers greater than 10 anywhere in the box.

6. Fill in the table below.

Before	Number	After
	19	
	15	
	9	
	17	
	16	
	14	

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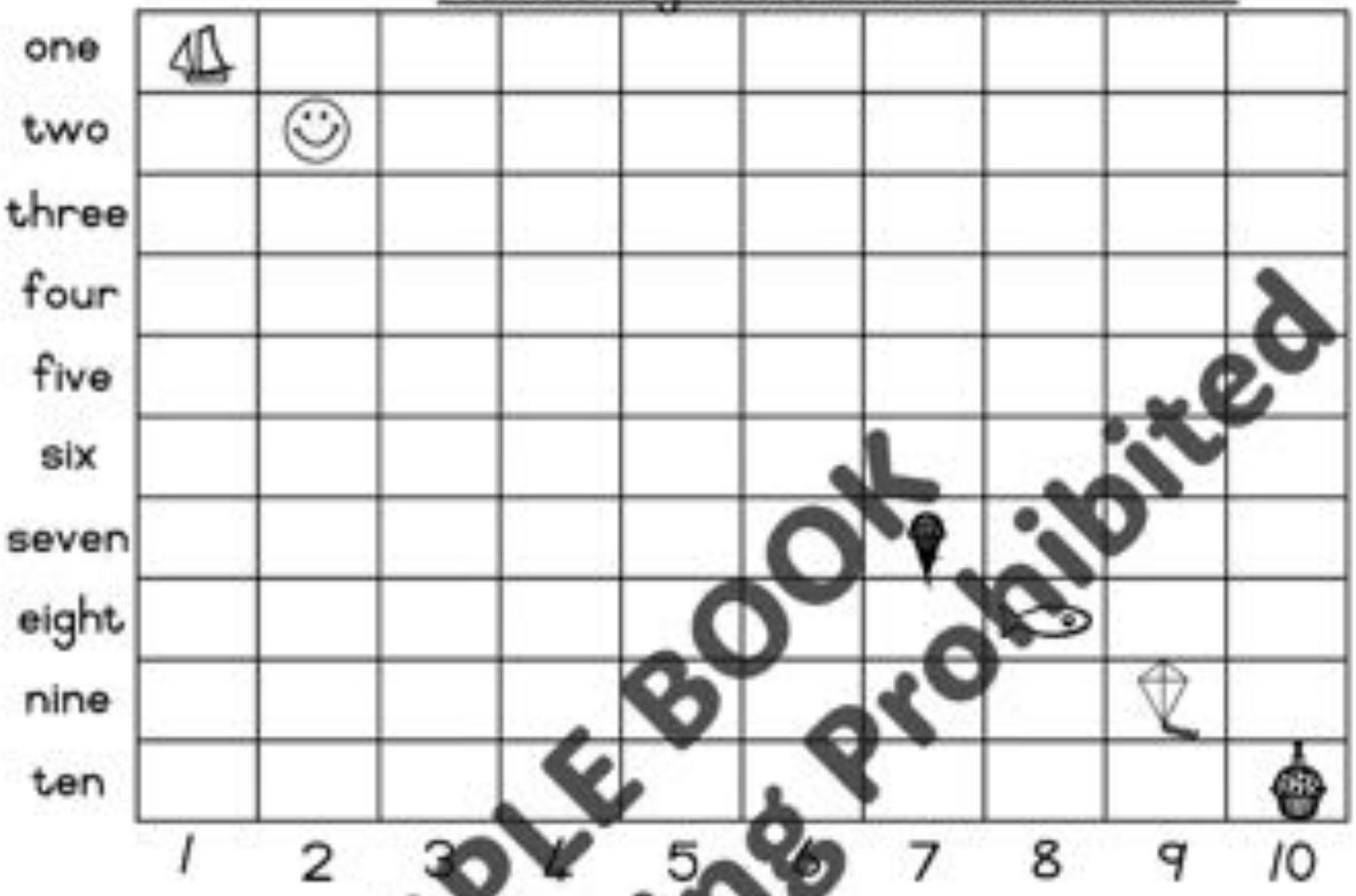
Date: _____

Number symbols and number names



1. Draw a cross on the square where 4 and four meet.
2. Draw a tree on the square where 6 and six meet.
3. Draw a heart on the square where 5 and five meet.
4. Draw a hat on the square where 3 and three meet.

What picture is on: (write the word or draw the picture)

5. Square 7 (seven)? _____
6. Square 1 (one)? _____
7. Square 2 (two)? _____
8. Square 9 (nine)? _____
9. Square 8 (eight)? _____
10. Square 10 (ten)? _____

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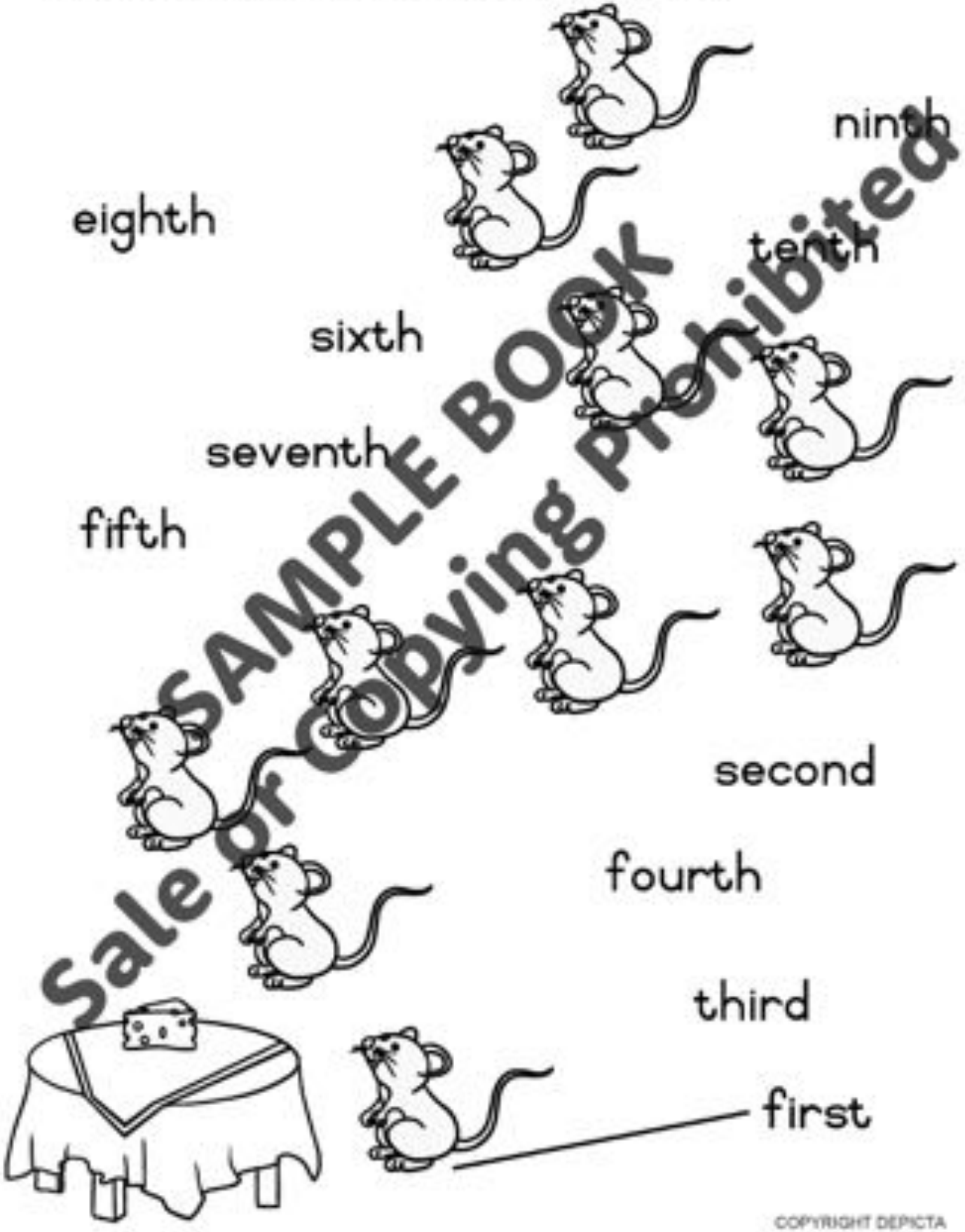
Date: _____ Ordinal Numbers

The mice had to wait in a line for a bite of the cheese. Join the mice with the words that show where are they in the line. The first line has been drawn for you.



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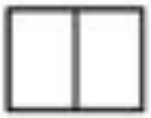
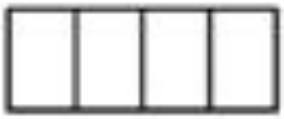
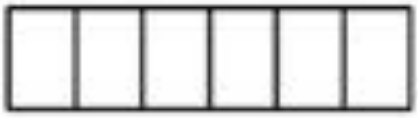
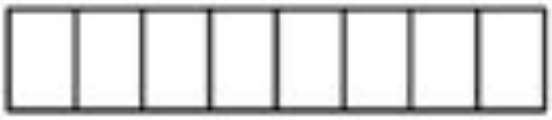
Date: _____ Halving

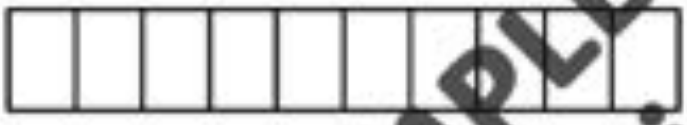
Halve these objects. Colour one half blue and the other half red. Fill in the missing words.


half of _____ = _____


half of _____ = _____


half of 6 = 3


half of _____ = _____


half of _____ = _____

half of _____ = _____

half of _____ = _____

half of _____ = _____

half of _____ = _____

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Date: _____ Ordering and comparing

1. Write these numbers in order from greatest to smallest.

11 14 9 16 17 13

2. Write these numbers in order from smallest to greatest.

20 15 18 12 19 10

3. Choose the correct words and write them on the lines.

less more

63 is _____ than 36

42 is _____ than 45

94 is _____ than 47

56 is _____ than 16

78 is _____ than 82

88 is _____ than 89

35 is _____ than 30

4. Write the number that is one more than:

8	
19	
9	
14	
15	

5. Write the number that is one less than:

20	
18	
16	
19	
3	

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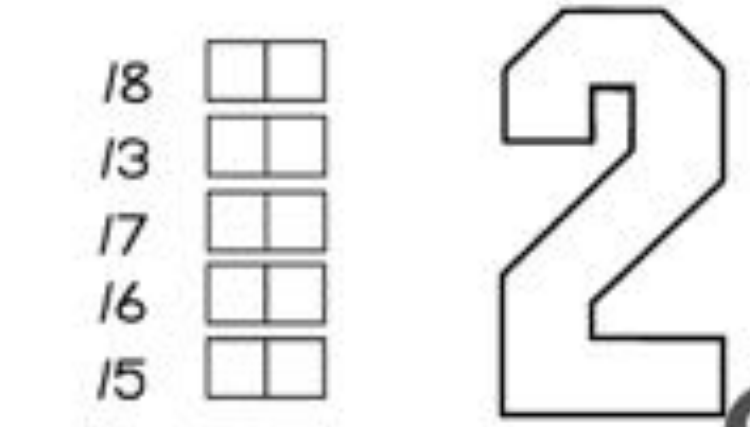
Date: _____

1. What number is 2 more than.

18 ☐☐
13 ☐☐
17 ☐☐
16 ☐☐
15 ☐☐

2. What number is 2 less than.

16 ☐☐
20 ☐☐
14 ☐☐
17 ☐☐
19 ☐☐



3. What number is one more than 16? ☐☐

4. What number is one less than 16? ☐☐

5. What number is one less than 13? ☐☐

6. What number is one more than 13? ☐☐

7. What number is one less than 12? ☐☐

8. What number is one more than 12? ☐☐

9. What number is one more than 19? ☐☐

10. What number is one less than 19? ☐☐

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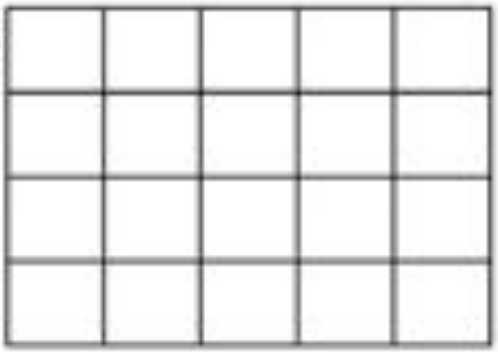
Date: _____

1. Colour in the blocks to show the correct numbers.

11



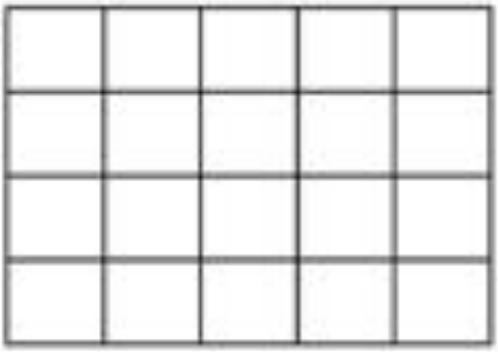
20

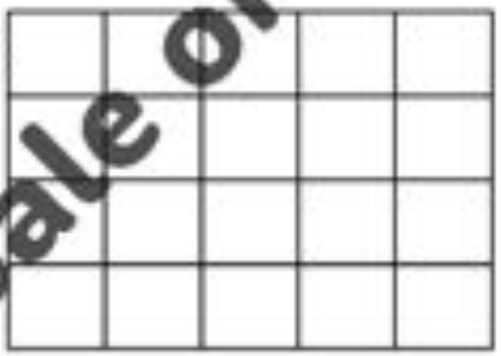
15

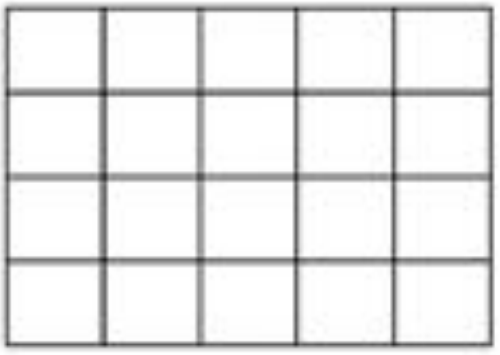
17

16

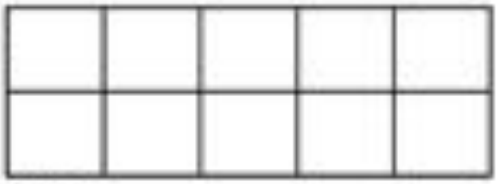
12



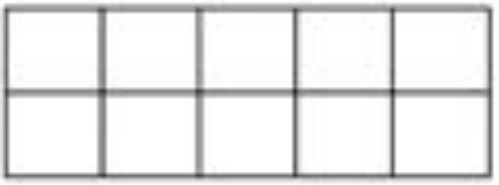
19

18



10



9



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Date: _____ Problem solving

1. Em has 5 more balls than Steve. Steve has 12 balls. How many balls does Em have?

2. Sam has 7 apples and Stu has 9 apples. How many apples do they have altogether?

3. Some toys were in the box. Eleven more were put in the box. Now there are 18 toys. How many toys were in the box before more toys were added?

4. Pumi has 4 more plums than Brian. Brian has 14 plums. How many plums does Pumi have?

5. Sipho caught 9 frogs in a pond. There were 10 frogs left in the pond when Sipho went home. How many frogs were in the pond before Sipho took 9 out?

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6. Bob wanted to buy some toys. He paid R15 for them and now he has R2 left. How much money did Bob have before buying the toys?

7. Pearl iced some cupcakes, 12 with red icing and 8 with white icing. How many cupcakes did she ice altogether?

8. There are 8 apples and 8 bananas in the basket? How much fruit is there altogether?

9. Lebo and Nani have 9 books each. How many books do they have altogether?

10. Leo went to the shops and paid R16 at one shop and R3 at another. How much money did he spend altogether?

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11. I have 8 sweets. My friend gives me 10 more. How many sweets do I have altogether?

12. Patrick wants to buy 2 pencils that cost 10c each. How much money does he need to buy both pencils?

13. There were 4 birds in the tree, 12 more flew to the tree. How many birds were in the tree altogether?

14. Phumela picked 5 oranges and 6 apples from the trees. Peter picked 13 oranges. How many oranges were picked altogether?

15. Don got 6 new books for his birthday. He already had 14. How many books does he have altogether?

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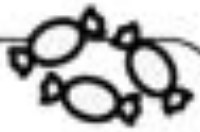
Show your working out.

1. There are 20 sweets in the jar. Pam took 9 out. How many sweets are left?



2. In the class of 18 children, 13 have green eyes. How many children do not have green eyes?

3. There are 16 flowers in a vase. Eleven of them are red. How many are not red?

4. Momo had 16 cups. He cracked 3 of them while washing the dishes. How many did not crack?

5. Don had R17 in his money box. He gave his sister R10. How much money does Don have left?

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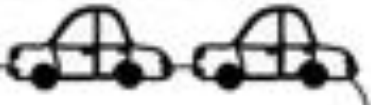
6. There were 19 red cars and 4 blue cars at the school. 5 red cars drove away. How many red cars were left at school?



7. Andile found 15 tomatoes on the tomato plant. He left 7 on the plant and picked the rest. How many tomatoes did he pick?

8. Zandi was shopping with her mom. The toy she wanted was R20. Zandi had R15. How much money did she still need?

9. There were 18 birds in a tree. Some birds flew away. Now there are 6 in the tree. How many birds flew away?

10. Fiona bought 17 gifts. She wrapped some. She still has 4 to wrap. How many gifts has she wrapped?

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Date: _____

1. Tim had 16 ice-cream cones for his friends. Twelve ice-creams melted. How many did he have left?

2. At the treasure hunt, they had to find 19 toys. Garreth found 8 toys. How many toys did they still need to find?

3. 20 children are going on an school outing. Only twelve can fit on one bus. How many are left to go on the other bus?

4. A mother dog has 18 puppies. Ten of them go to new homes. How many are left?

5. Grant has 17 tools. Tony has 14. How many more tools does Grant have than Tony?

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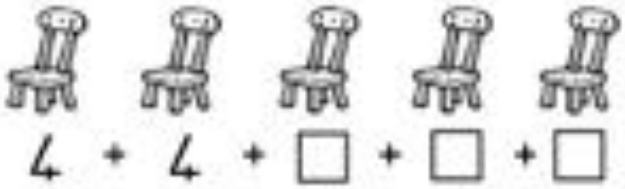
Date: _____ Repeated addition

Show all your working out.

1. A classroom has 5 chairs. Each chair has 4 legs. How many legs are there altogether?



4 + 4 + □ + □ + □

2. There were 8 flowers with 2 leaves on each flower. How many leaves were there altogether?

3. A triangle has 3 sides. How many sides do 6 triangles have?

4. 5 people can fit in one car. How many people can fit in 4 cars?

5. One bird has 2 legs. How many legs do 10 birds have?

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6. There are 7 drawers in the cupboard. Each draw has 2 hats inside. How many hats altogether?

7. There are three children. Each child has a pair of gloves.
   a) How many gloves are there altogether?
   b) How many pairs of gloves are there altogether?

8. At the party there were 8 milkshakes with 2 straws in each cup. How many straws altogether?

9. How many fingers are there on three hands?

10. Joyce eats 2 slices of bread every day. How many slices of bread does she eat in a week?

11. In the classroom there are 6 rows of desks with 2 desks in each row. How many desks are there?

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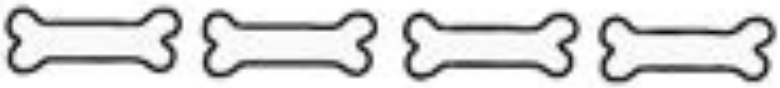
Date: _____ Equal sharing/grouping

Show your working out and fill in the answers.

1. Share 4 bones equally between 2 dogs.



Each dog gets _____ bones.

2. Share 6 sweets equally amongst 3 friends.

Each friend gets _____ sweets.

3. Share 8 cupcakes equally amongst 4 girls.

Each girl gets _____ cupcakes.

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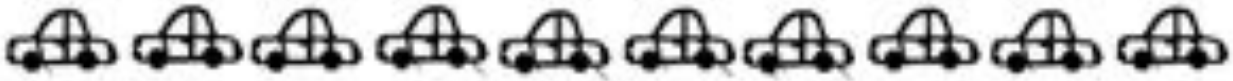
4. Share 10 cars equally amongst 5 friends.



Each friend gets _____ cars.

5. Share 9 balls equally amongst 3 boys.

Each boy gets _____ balls.

6. Share 12 wheels equally amongst 3 cars.

Each car gets _____ wheels.

7. Share 11 oranges equally amongst 5 packets.

Each packet gets _____ oranges with _____ left over.

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8. How many egg boxes will you need for 14 eggs if each box holds 6 eggs?

☐ boxes and ☐ eggs left over

9. Pumi has 14 pencils. She wants to put them in 2 pencil bags with the same number of pencils in each bag. How many pencils will be in each bag?

☐ pencils in each bag

10. The farmer has 17 carrots which he wants to put in 5 bags with the same number of carrots in each bag. How many carrots will there be in each bag?

☐ carrots in each bag ☐ carrots left over

11. How many packets do I need if I want to put 5 apples in each packet and I have 20 apples?

I need ☐ packets.

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Date: _____ Money

Show all your working out.

1. Jo bought milk for R17. He paid for it with a R20 note. How much change did he get?

2. I have 2 x R10 notes in my pocket. I buy food for R18. How much change do I get?

3. I have R12. Will I have enough money to buy 2 chocolates costing R5 each? Colour the correct answer.

Yes No

4. For his birthday Patrick got R5 from his aunt, R5 from his sister and R6 from his friend. How much money did he get altogether?

5. In my money box I found a R5 coin and 4 x R1 coins. How much money did I find altogether?

6. If I have two 5 cent coins and a 10 cent coin, how much money do I have altogether?

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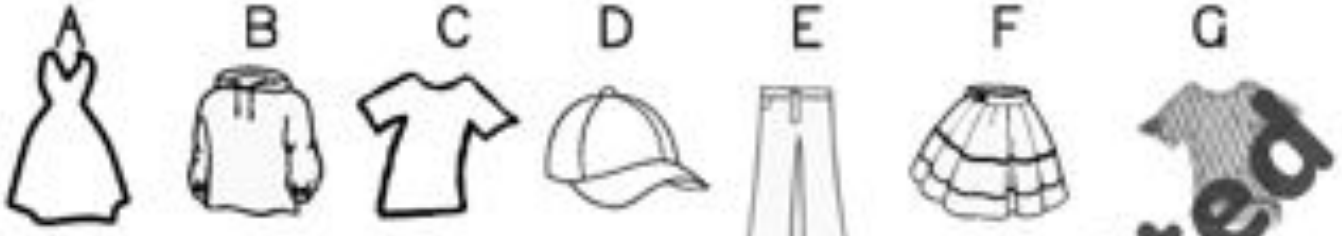
Date: _____ Money

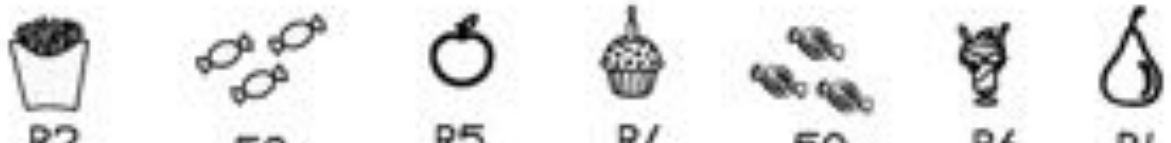
1. These items are on sale:
   You must spend exactly R20 – which items could you buy?



I could buy items:	Price
	Total: R 20

2. You have these coins in your pocket. Circle what you could buy with your money if you spent it all.

I have R ☐ in my pocket.



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Date: _____ Addition

16 + 4 =	10 + 6 =	18 + 2 =
13 + 4 =	13 + 6 =	16 + 2 =
8 + 9 =	6 + 11 =	10 + 7 =
17 + 2 =	8 + 8 =	9 + 9 =
15 + 1 =	7 + 12 =	12 + 7 =
13 + 3 =	5 + 11 =	4 + 14 =
19 + 1 =	12 + 4 =	5 + 13 =
9 + 7 =	14 + 6 =	9 + 10 =

Subtraction

20 - 11 =	20 - 12 =	16 - 11 =
18 - 15 =	18 - 4 =	17 - 1 =
19 - 5 =	16 - 13 =	20 - 9 =
20 - 18 =	17 - 14 =	16 - 7 =
16 - 8 =	19 - 3 =	19 - 17 =
17 - 14 =	16 - 6 =	17 - 16 =
19 - 2 =	20 - 10 =	18 - 9 =

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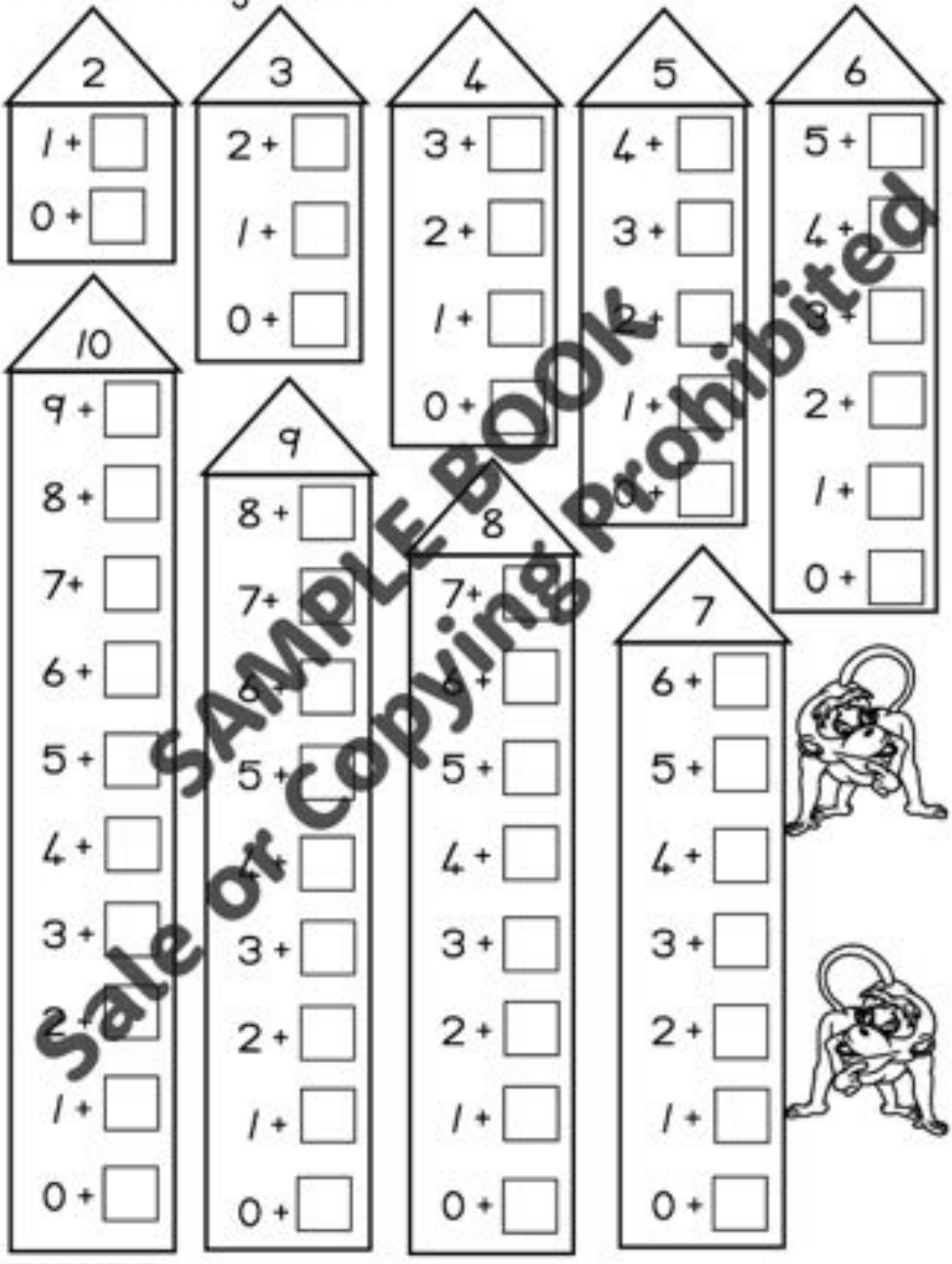
Date: _____ Number bonds to 10

Fill in the missing numbers.



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Date: _____ Number bonds (strategies)

Strategy 1

1) Rewrite the number sentence starting with the greater number.

Example: 4 + 11 ⟶ 11 + 4 = 15

6 + 14 ⟶ ☐☐ + ☐ = ☐☐

3 + 15 ⟶ ☐☐ + ☐ = ☐☐

2 + 17 ⟶ ☐☐ + ☐ = ☐☐

5 + 12 ⟶ ☐☐ + ☐ = ☐☐

2 + 18 ⟶ ☐☐ + ☐ = ☐☐

7 + 13 ⟶ ☐☐ + ☐ = ☐☐

Strategy 2

2) Identify near doubles.

Example: 6 + 7 = 13

Double 6 (6+6) + 1 = 13 or Double 7 (7+7) - 1 = 13

5 + 6 = ☐☐

Double ☐

(☐ + ☐) ☐☐ = ☐☐

put in a ☐+☐ or ☐−☐ (depending on which number you double)

7 + 8 = ☐☐

Double ☐

(☐ + ☐) ☐☐ = ☐☐

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9 + 8 = ☐☐ → put in a + or − (depending on which number you double)

Double ☐

(☐ + ☐) ☐ ☐ = ☐☐

10 + 9 = ☐☐

Double ☐

(☐ + ☐) ☐ ☐ = ☐☐

10 + 11 = ☐☐

Double ☐

(☐ + ☐) ☐ ☐ = ☐☐

Strategy 3

3) Change a number to 10 and then add or subtract ones.

Example: 9 + 6 = 15 → (9+1) + (6−1)
10 + 5
= 15

8 + 9 = ☐☐ → 8 (+2) + 9 (−2)

☐☐ + ☐

= ☐☐

Some numbers have been filled in for you.

11 + 8 = ☐☐ → ☐☐ (−1) + ☐ (+1)

☐☐ + ☐

= ☐☐

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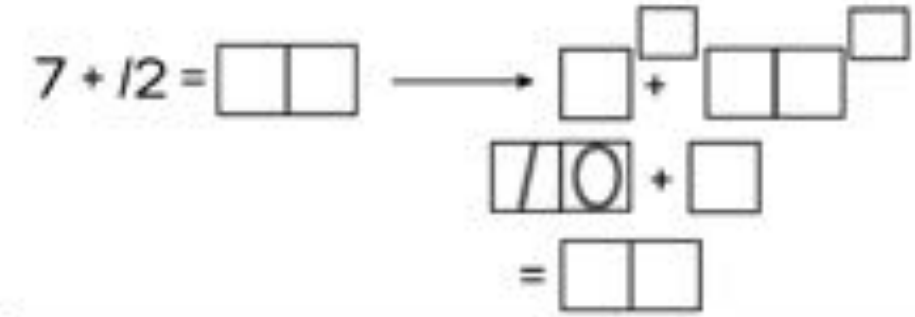

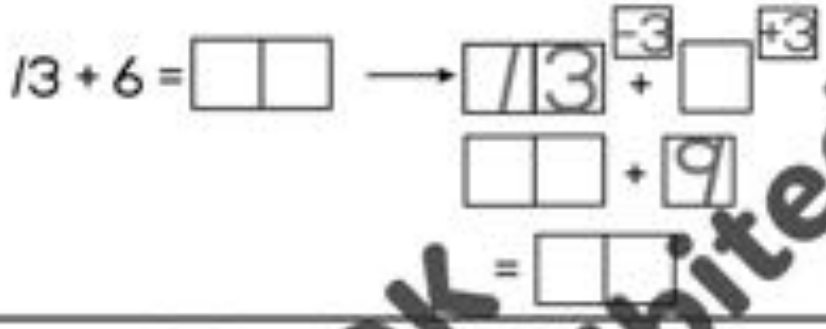

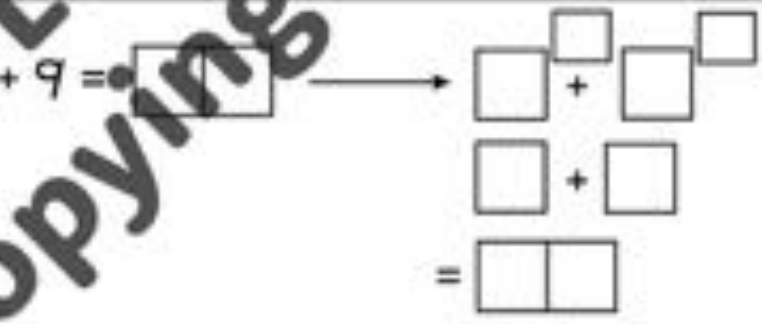

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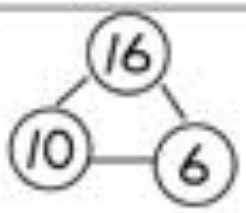
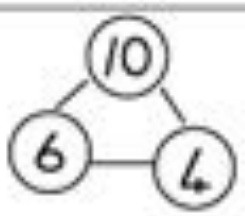
Strategy 4

4) Use the inverse relationship between addition and subtraction.

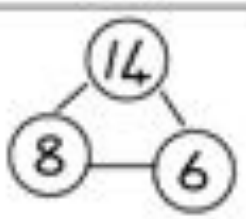
4 + 5 = 9
5 + 4 = 9
9 - 4 = 5
9 - 5 = 4



10 + 6 = 16
6 + 10 = 16
16 - 10 = 6
16 - 6 = 10



6 + 4 = 10
4 + 6 = 10
10 - 6 = 4
10 - 4 = 6



8 + 6 = 14
6 + 8 = 14
14 - 8 = 6
14 - 6 = 8

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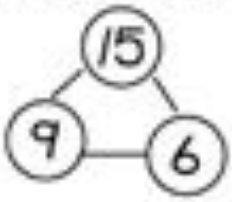
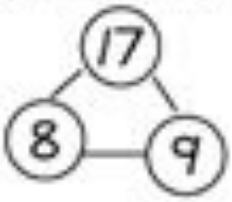
Do the same for these: (some numbers have been filled in for you)





9 + □ = □□

□ + □ = □□

□□ - □ = □

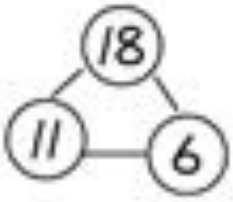
□□ - □ = □

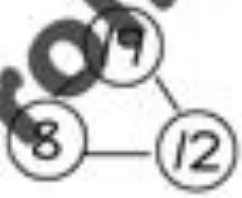
□ + □ = □□

□ + □ = □□

□□ - □ = □

□□ - □ = □





□□ + □ = □□

□ + □□ = □□

18 □ = □

□□ - □ = □□

□□ + □ = □□

□ + □□ = □□

□□ - □□ = □

□□ - □ = □□

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Date: _____ Number bonds (strategies)

Fill in the correct sign [-] or [+]

9 □ 7 = 16 17 □ 3 = 20 8 □ 9 = 17 19 □ 14 = 17

11 □ 6 = 5 18 □ 1 = 19 13 □ 5 = 8 15 □ 8 = 7

16 □ 2 = 18 12 □ 6 = 18 20 □ 10 = 10 20 □ 16 = 4

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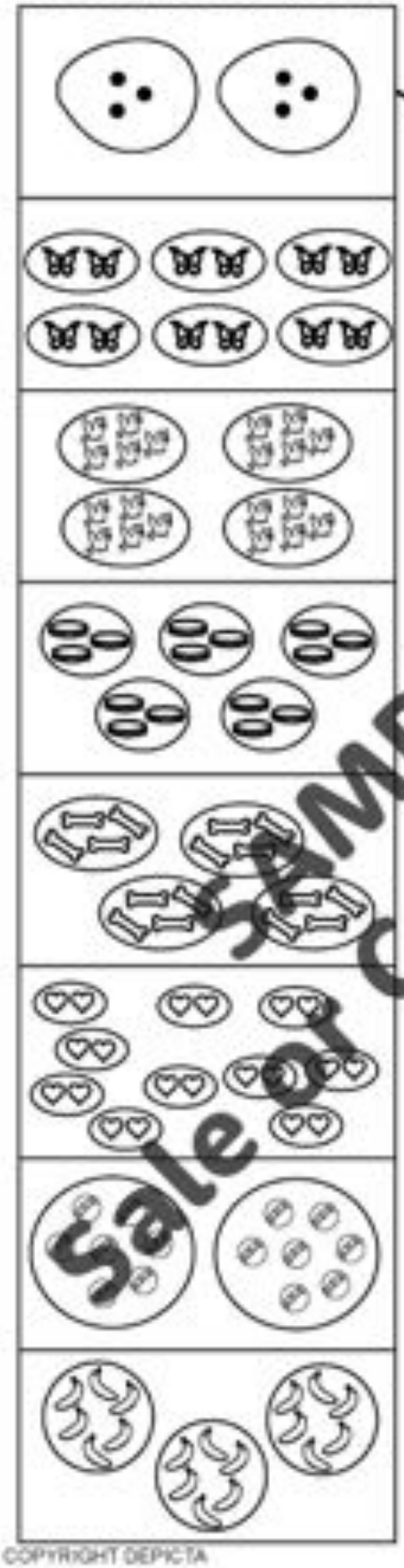
Date: _____ Repeated addition

Draw lines to match the columns.



5 groups of 3 = ☐☐

3+3+3+3+3 = ☐☐

2 groups of 3 = 6

3+3 = 6

6 groups of 2 = ☐☐

2+2+2+2+2+2 = ☐☐

4 groups of 4 = ☐☐

4+4+4+4 = ☐☐

4 groups of 5 = ☐☐

5+5+5+5 = ☐☐

3 groups of 6 = ☐☐

6+6+6 = ☐☐

10 groups of 2 = ☐☐

2+2+2+2+2+2+2+2+2+2 = ☐☐

2 groups of 7 = ☐☐

7+7 = ☐☐

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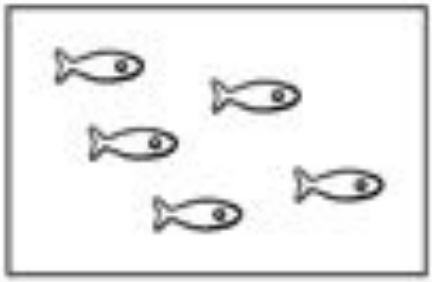
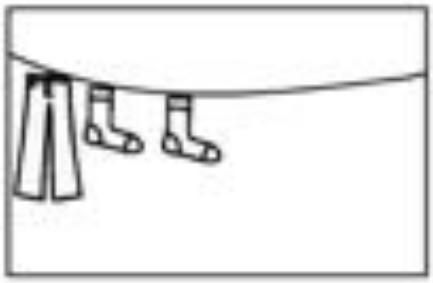
Date: _____ Doubling

Double the birds in the cage.



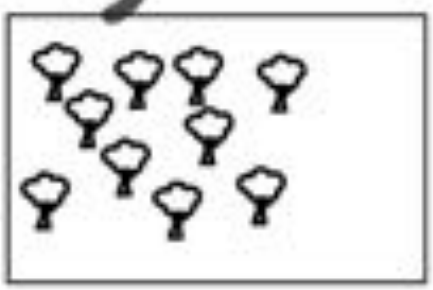
Double the fish in the tank.



Double the clothes on the line.

Double the bowls for the day.

Double the flowers in the garden.



Double the trees in the forest.

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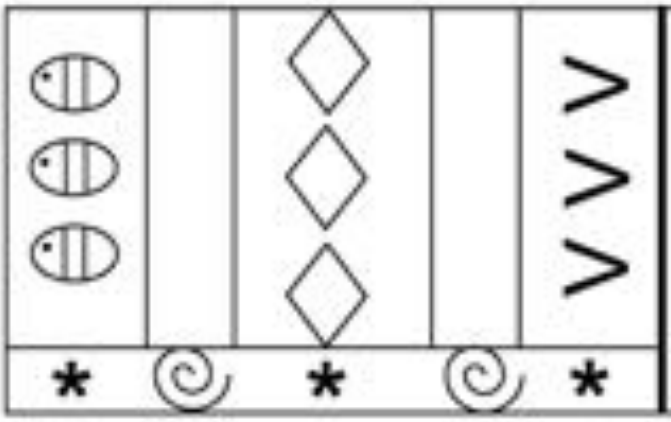
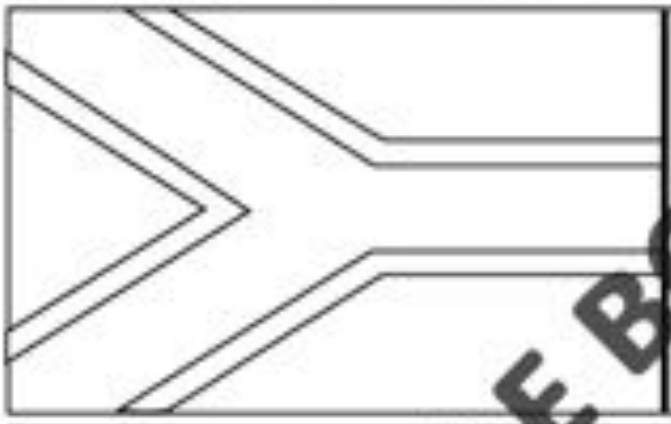
Date: _____ Copy the patterns

1.



2.



3.

4.

5.

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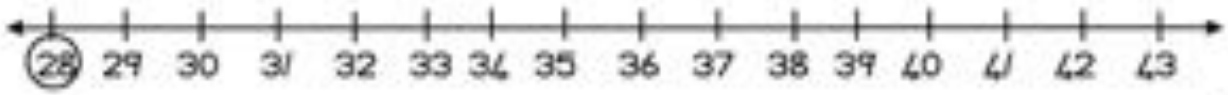
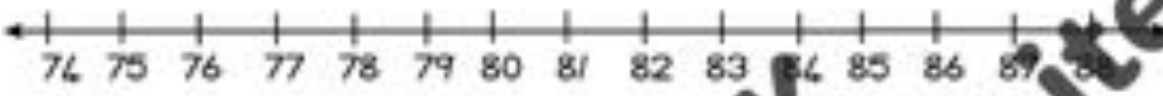
Date: _____ Number Patterns

Circle the numbers on the number lines

1. Count in 2's from 28 to 42.

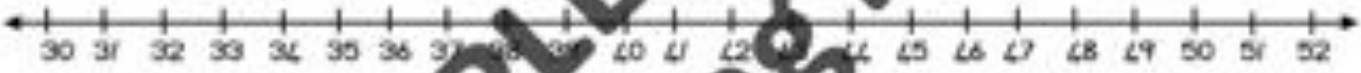


2. Count in 2's from 76 to 88.



3. Count in 2's from 50 to 64.

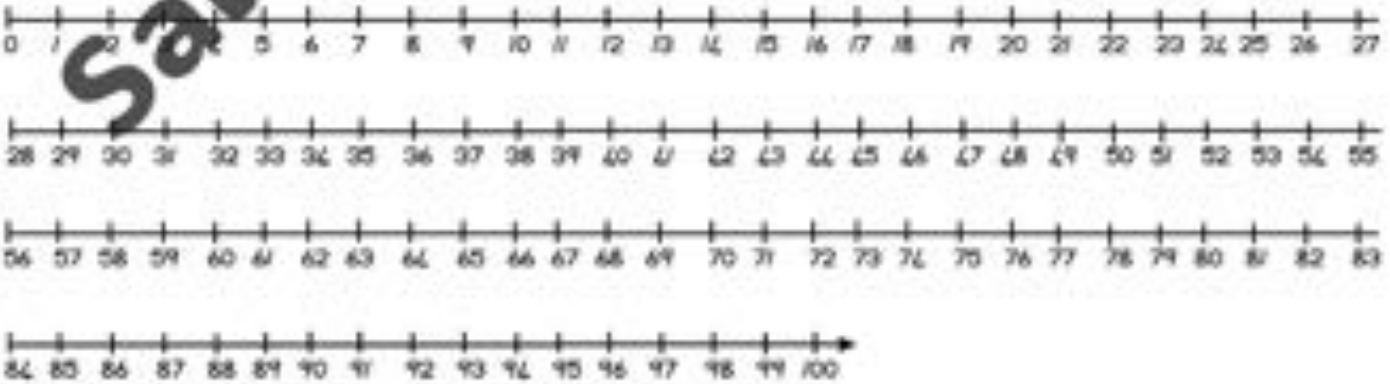
4. Count in 5's from 30 to 50.



5. Count in 5's from 55 to 80.

6. Count in 2's from 0 to 25.

7. Count in 10's from 0 to 100.



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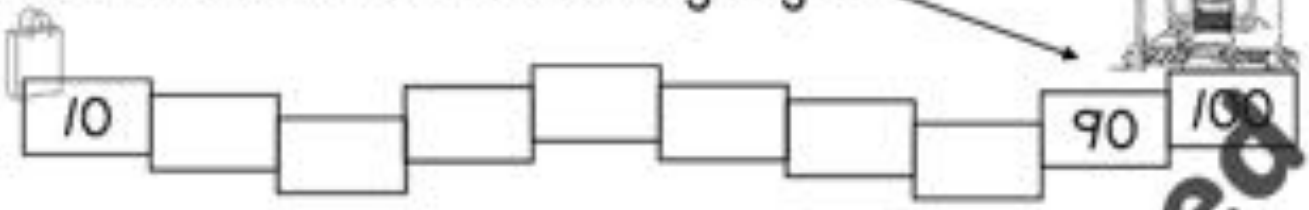
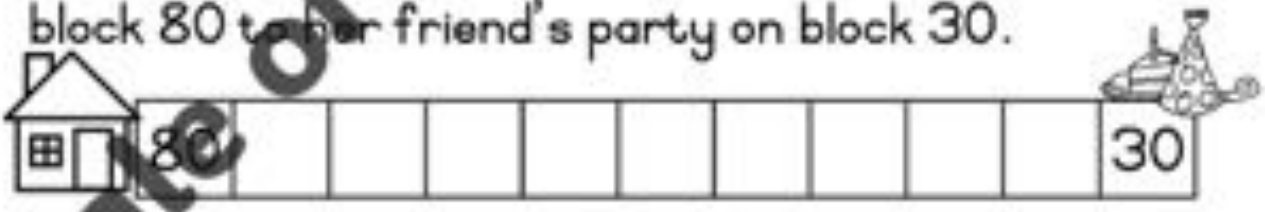
Date:_____ Counting

1. Help Tom get to his packet on block number 10. Count backwards in 10's from the shop on block 100 and write the numbers in the blocks as you go.

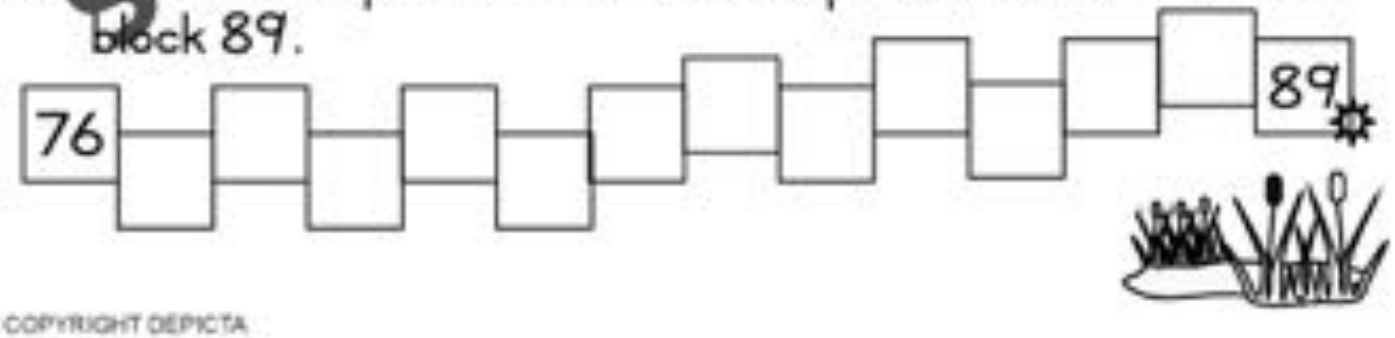


2. You skip home from school till you get to block 10. Start on block 50 and count backwards until you get home. Write the numbers in the blocks as you go.

3. Hop backwards in 5's with Keshia from her home on block 80 to her friend's party on block 30.



4. Walk with Sipho in 1's to the fishpond on block 76 from block 89.



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Date: _____ Position

Draw a line to match the drawings to the correct sentences.

1. The duck is on top of the rock

2. The duck is under the water.

3. The duck is behind the reeds.

4. The duck is in front of the boy.

5. The duck is next to the frog.

6. The duck is to the right of the rock.

7. The duck is to the left of the rock.

8. The duck can walk up the hill.

9. The duck can walk down the hill.

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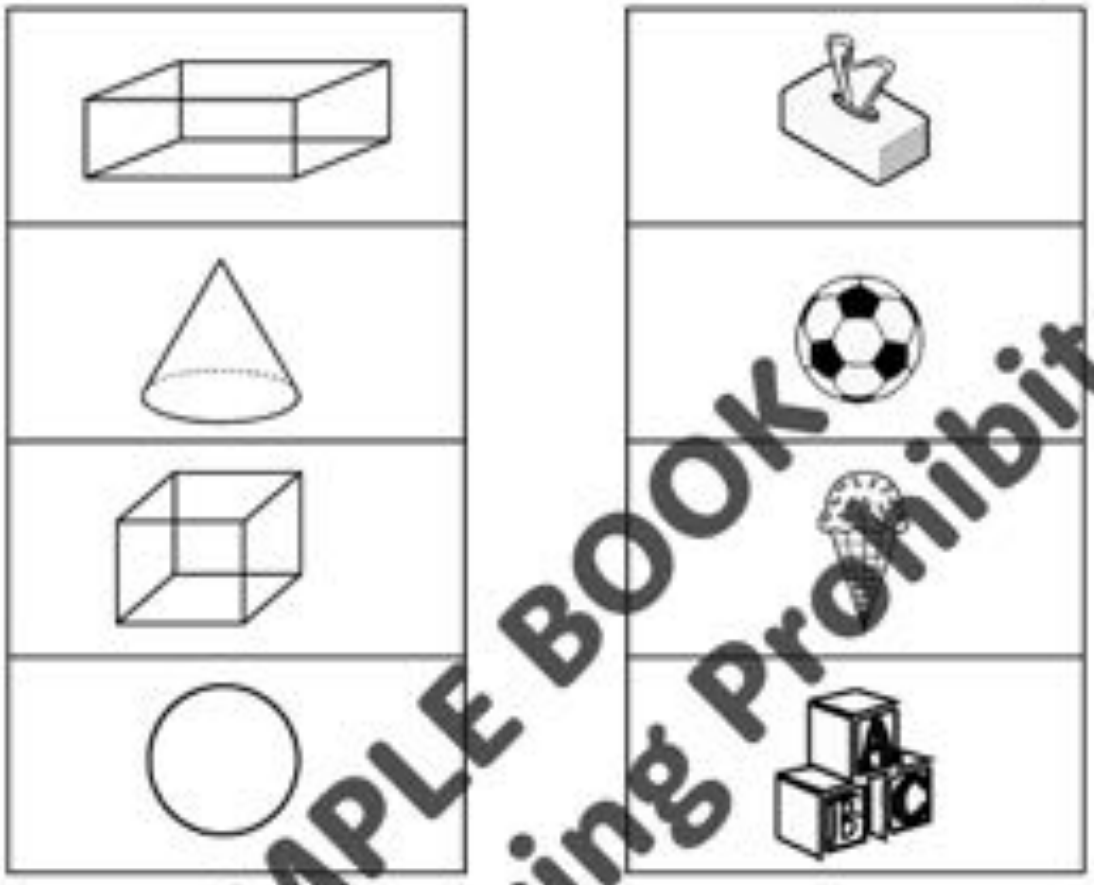
Date: _____ Space and shape

1. Draw lines to match objects with the same shapes.



2. Colour all the objects that look like a sphere (round) purple and all the objects that look like a cube orange.

3. Draw a red circle around the objects that can roll.
4. Draw a square around the objects that slide.
5. Draw a blue circle around the objects that can be stacked.

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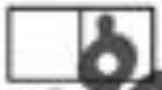
Date: _____ 2D Shapes

1. Count the triangles.

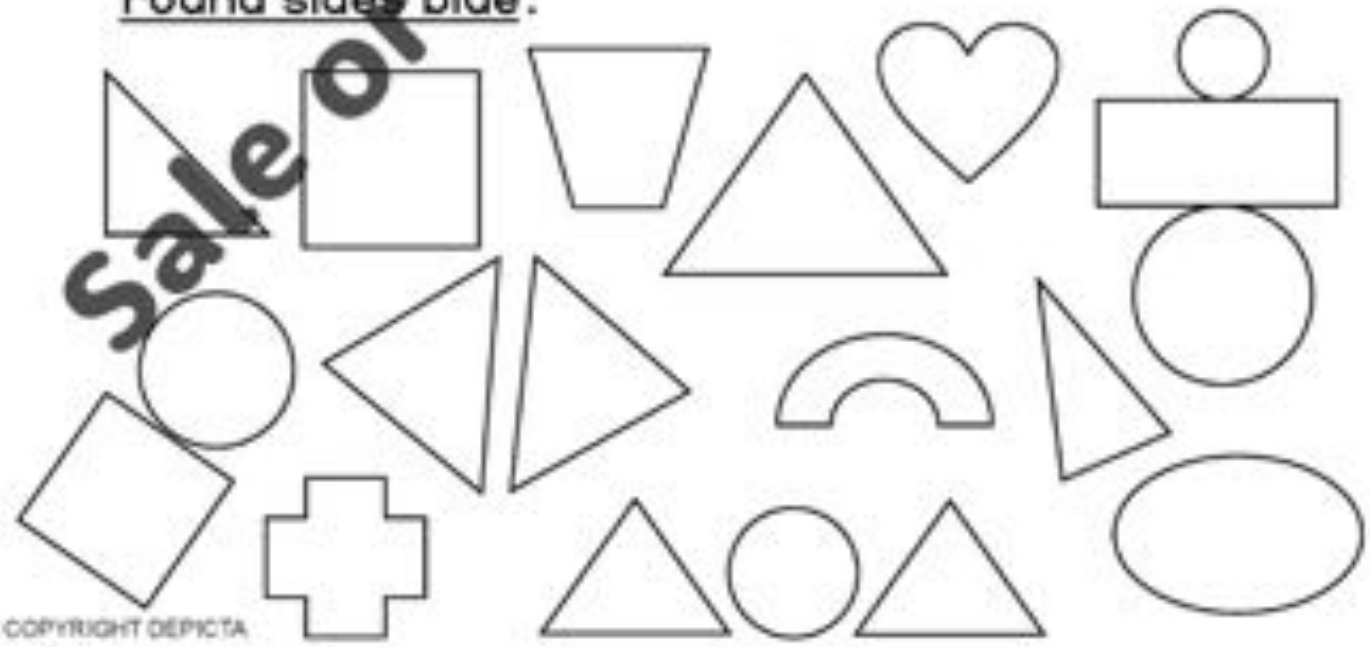
2. Count the rectangles.

3. Count the circles.



4. Colour the picture.

5. Look at the picture below and colour all the shapes with straight sides green and all the shapes with round sides blue.



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6. Draw in the lines of symmetry (mirror image).

Date: _____ Measurement: Time

1. Write the numbers from 1 - 5 to put the pictures in the correct order.

2. Write numbers 1 - 6 to put the life cycle of a frog in the correct order.

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3. Compare the pictures to each other and colour in the picture that will take the most amount of time.

Watering a garden

A seed growing

Baking biscuits

Eating biscuits

Building a house

Building a table

4. Draw a picture of something you can do quickly and that will not take a lot of your time.

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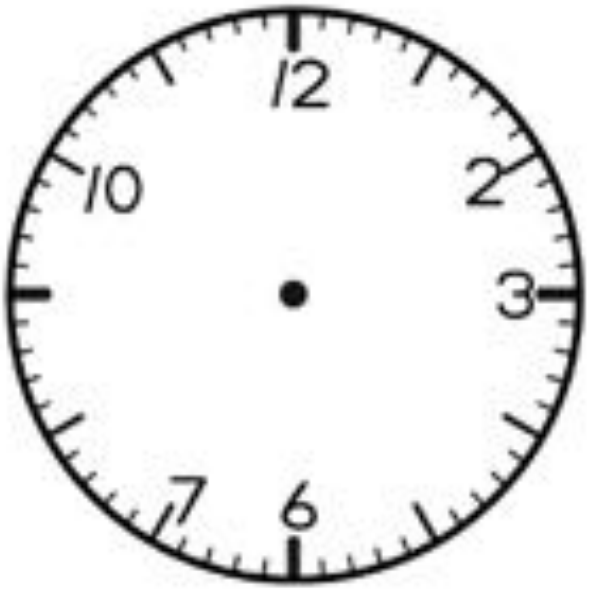
Date: _____ Measurement: Time

Fill in the missing numbers on the clock faces.



Draw lines to match the clocks with the correct times.

8 o'clock

11 o'clock

1 o'clock

9 o'clock

6 o'clock

eleven o'clock

one o'clock

nine o'clock

six o'clock

eight o'clock

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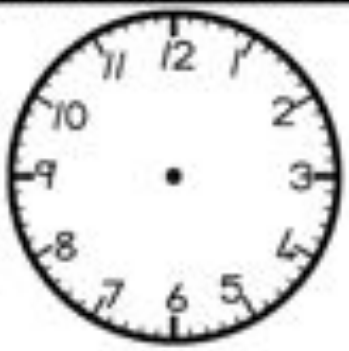
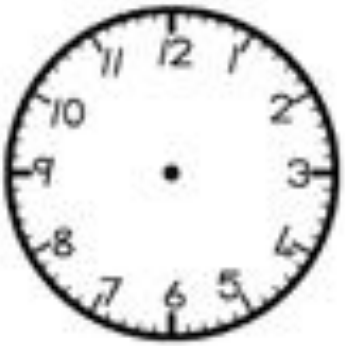
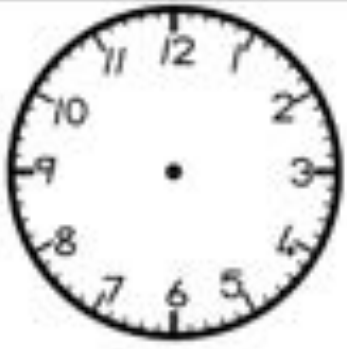
Date: _____ Measurement: Time

Dad arrives home at five o'clock.

At 5 o'clock the big hand is on the twelve and the little hand is on the 5.

Fill in the correct time on each clock.

 1 o'clock one o'clock	 two o'clock	 six o'clock
 nine o'clock	 ten o'clock	 twelve o'clock
 three o'clock	 four o'clock	 seven o'clock

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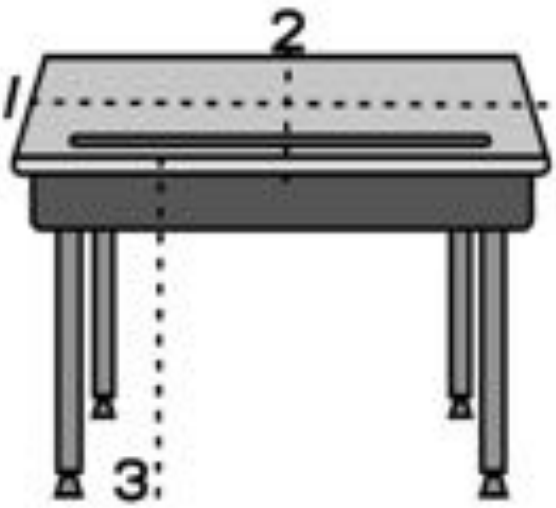
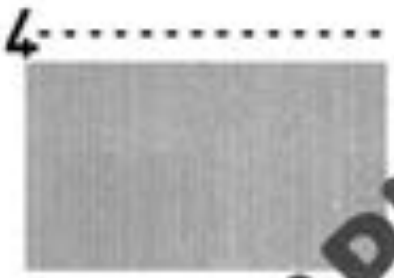
Date: _____ Measurement: Length





Measure how many times your pencil fits:

1. Across the length of your desk. _____

2. Across the width of your desk. _____

3. From the floor to the top of your desk. _____

4. Across the length of the mat. _____

5. The height of the dustbin _____

6. The width of the door. _____

7. Choose one more object to measure and draw a picture in the box. _____

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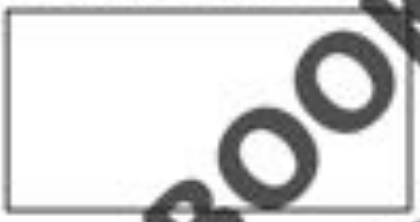
Date: _____ Mass

1. Find 2 objects in the classroom. One should be light and the other should be heavy. Draw them in the boxes.

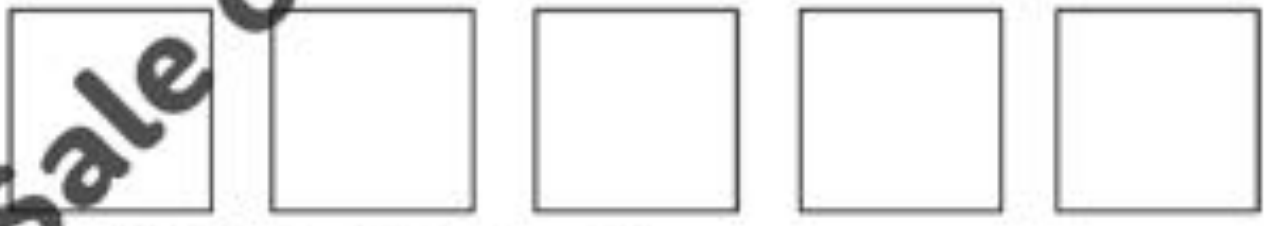
Light	Heavy

2. Hold a book in one hand and a pencil in the other. Draw which object is heavier.



3. Hold a shoe in one hand and an eraser in the other. Draw which one is lighter.

4. Choose 5 objects. Estimate the order from lightest to heaviest. Now use the balancing scale. Draw the pictures in the correct order.



5. Draw 2 objects that have the same mass.

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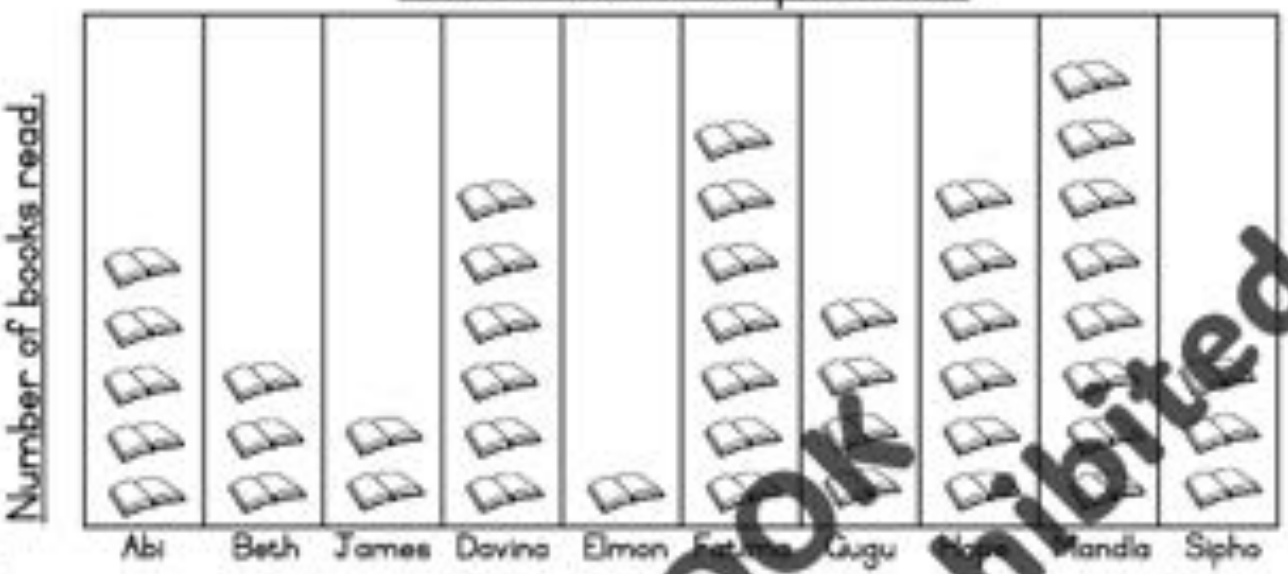
Date: _____ Data Handling

Books read in September



Key:
Each 📖 = 2 books

1. Who read the most books in September? _____

2. Who read the least number of books? _____

3. How many books did Fatima read? _____

4. Which children read the same number of books?
_____ and _____

5. How many more books did Hope read than Sipho? _____

6. How many books did Beth need to read to have read the same as Abi? _____

7. If Gugu doubled her number of books, how many books would she have read? _____

8. If Mandla halved the number of books he read, he would have read the same number of books as _____ ?

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Date: _____ Pictographs

Favourite treats

1. How many children like ice-cream? ☐☐

2. How many children like sweets? ☐

3. Which treat is the favourite? _____

4. How many more children like ice-creams than sweets? ☐

5. Which two treats do the same number of children like? _____ and _____

6. How many children like chocolate? ☐

7. How many children like cupcakes? ☐

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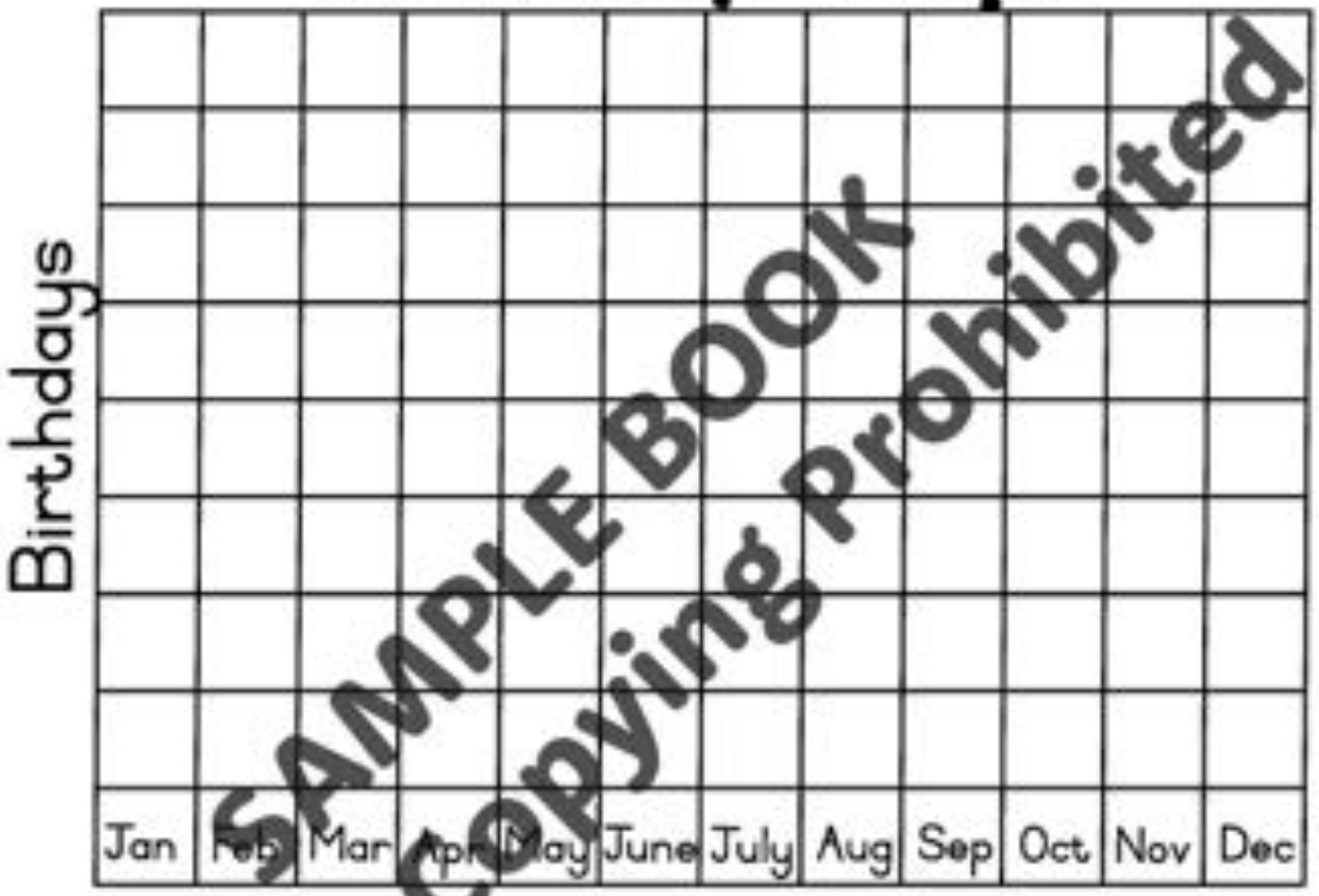
One at a time the learners say what month their birthday is in.
They then draw a cross in the block on their graph above the month of each learner's birthday, including their own.

Birthday Graph



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Which month has the most birthdays?

_____

Which month has the least birthdays?

_____

Which months have the same number of birthdays?

_____

Are more learners born in the first half of the year or the last half of the year?

_____

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