

PLATTSBURG

LEARNING FROM HOME

2D – RHINOS



NUMERACY



Monday



EVEN or ODD

Today's
number is...

36

Place Value

Hundreds	Tens	Ones

More and Less

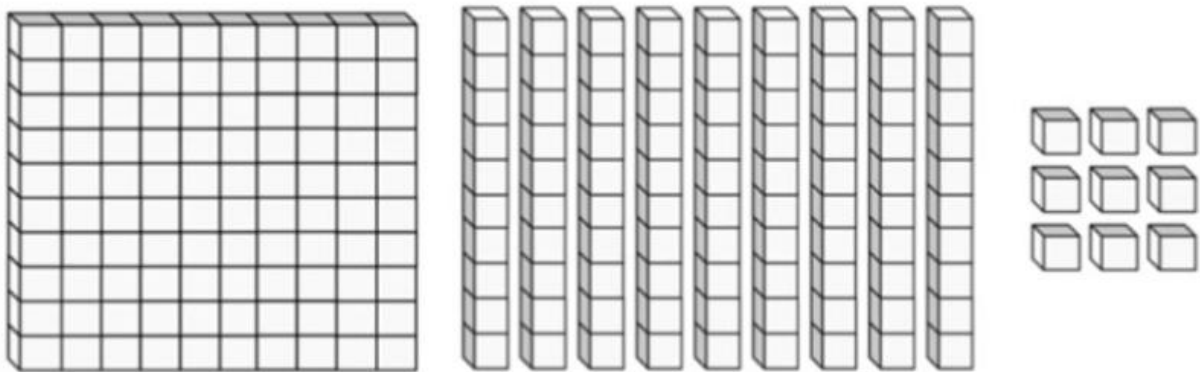
	10 less (-10)	
1 less (-1)	36	1 more (+1)
	10 more (+10)	

Word Form

Expanded Form

$$\square + \square = \square$$

Show with Place Value Blocks



Use the digits to make the smallest number _____

Use the digits to make the largest number _____

Section 1

$35c - 15c = \boxed{}$

$20c - 5c = \boxed{}$

$25c - 10c = \boxed{}$

Section 5

A bus has got 15 people on board.
6 people get off.

How many are on the bus?



Section 7

Match up the equation with the answer.

$16 - 3$

$24 - 4$

$19 - 8$

Section 2

Continue the pattern.



Section 3

What comes next?

16, 15, 14, , , .

Section 6

Add 2 more to each number.

2 less

2 more

17

13

Section 4

Use these signs $<$ $>$ to show the most or least amount.

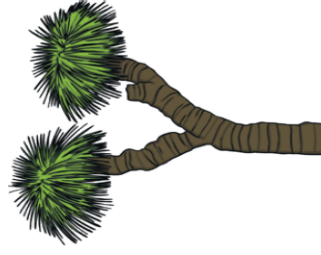
60 25 10 15

25 30

Section 8

What unit would you use to measure the tallest tree?

Put a circle around your answer.



cm m \$ c

Before and After - Numbers to 50

Fill in the missing numbers to 50.



1	2	3		5	6		8		10
	12		14	15		17			20
21			24		26		28	29	
31		33		35		37		39	40
	42	43	44		46	47	48		50

Fill in the numbers before and after



38	33
22	46
30	37
18	23
25	43
45	21
17	35
42	32
29	26
34	21

Writing the answers on a blank piece of paper, see how long it takes you to get through the track!

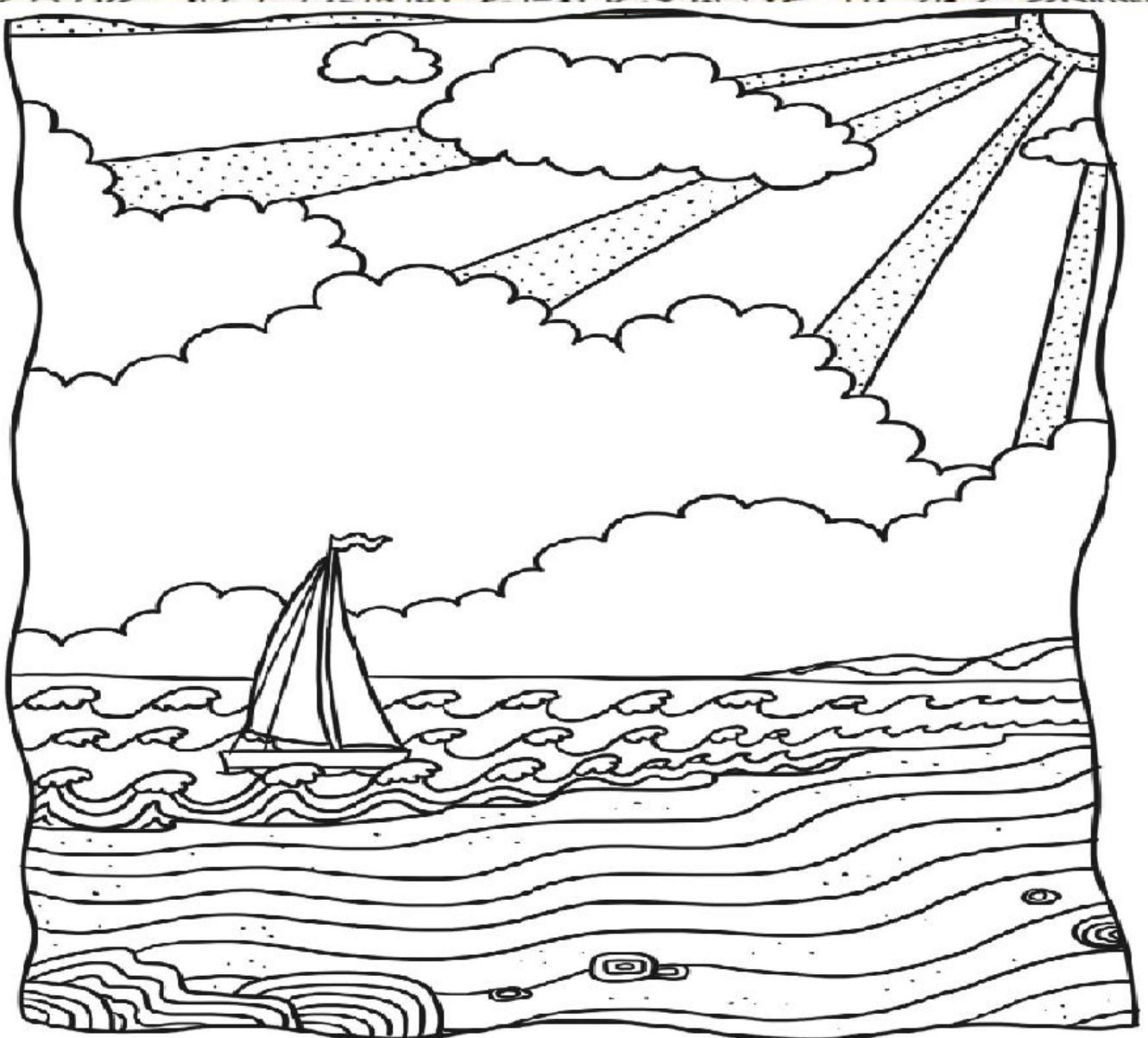
Challenge: Time how long it takes to complete!

Double Decker School Bus Ride

The track consists of the following math problems in order:

- 1 + 1
- 3 + 3
- 7 + 7
- 1 + 1
- 3 + 3
- 8 + 8
- 2 + 2
- 5 + 5
- 8 + 8
- 5 + 5
- 1 + 1
- 2 + 2
- 8 + 8
- 1 + 1
- 8 + 8
- 8 + 8
- 7 + 7
- 2 + 2
- 3 + 3
- 1 + 1
- 8 + 8
- 5 + 5
- 1 + 1
- 3 + 3
- 7 + 7
- 3 + 3
- 7 + 7
- 3 + 3
- 5 + 5
- 4 + 4
- 5 + 5
- 9 + 9
- 6 + 6
- 2 + 2
- 1 + 1

Tuesday



Today's number is...

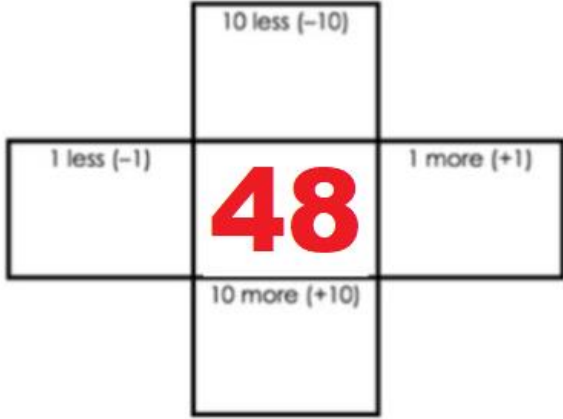
48

EVEN or ODD

Place Value

Hundreds	Tens	Ones

More and Less



Word Form

Expanded Form

$$\square + \square = \square$$

Show with Place Value Blocks

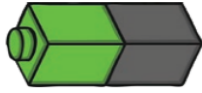
Use the digits to make the smallest number _____

Use the digits to make the largest number _____

Section 1

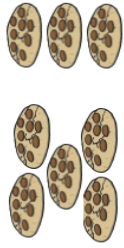
Count back in 2s from this number:

14, , , , , , ,



Section 2

Complete the addition number sentence below to work out the total number of cookies.



+ =

Section 3

$2 \times 2 =$
 $2 \times 4 =$

Section 4

Use the < or > signs to compare these numbers:

10 15
 3 8

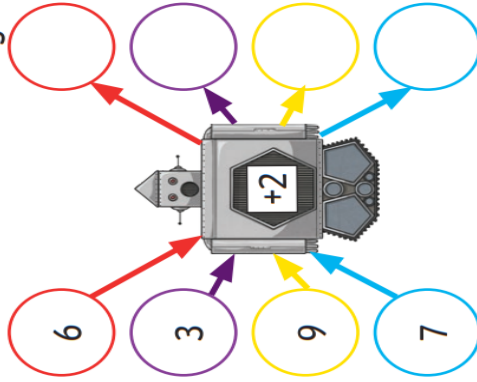
Section 5

How many ones in these numbers?

12 ones
8 ones
23 ones
16 ones

Section 6

Work these out mentally:



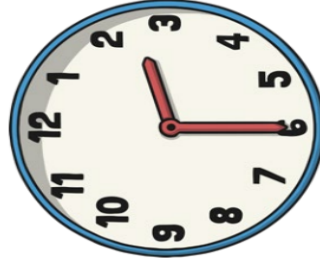
Section 7

What fraction of the pizza has been coloured in?



Section 8

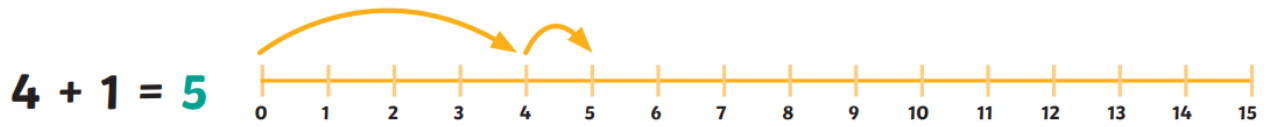
What time is it?



Addition to 20 on a Number Line

Sheet 1

Example:



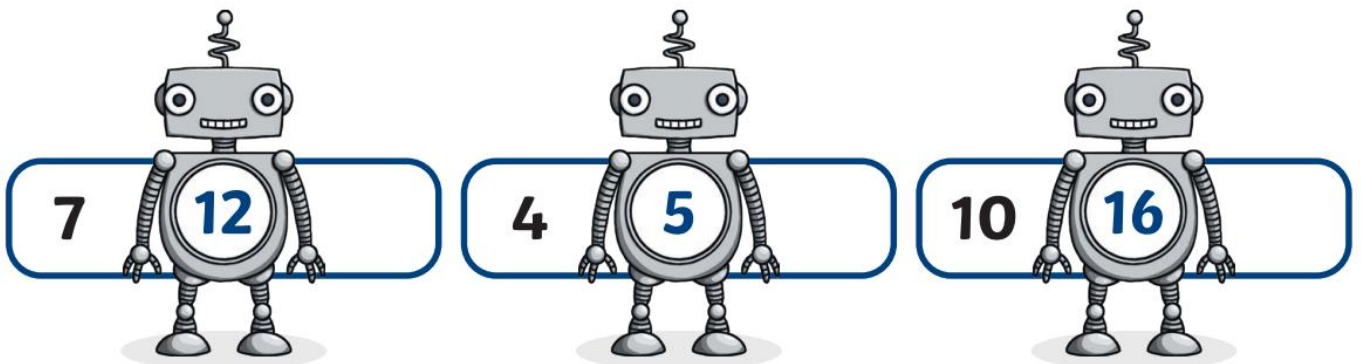
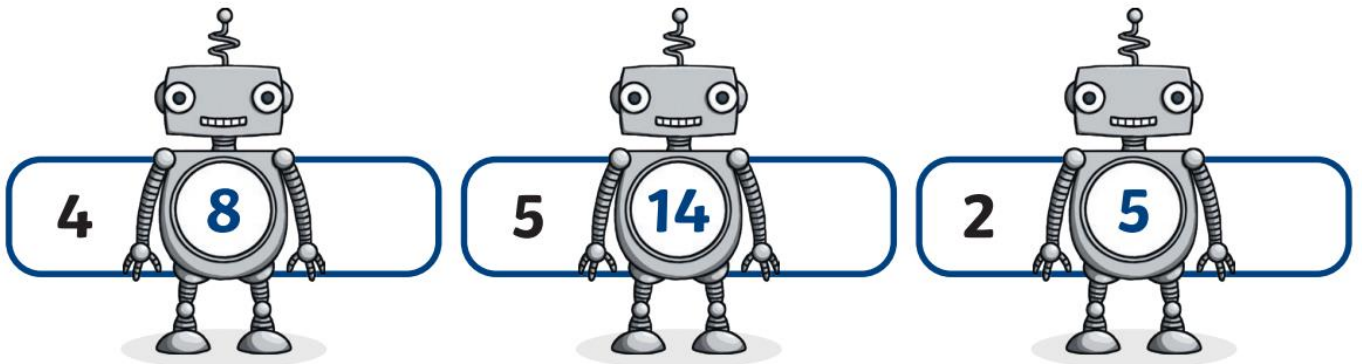
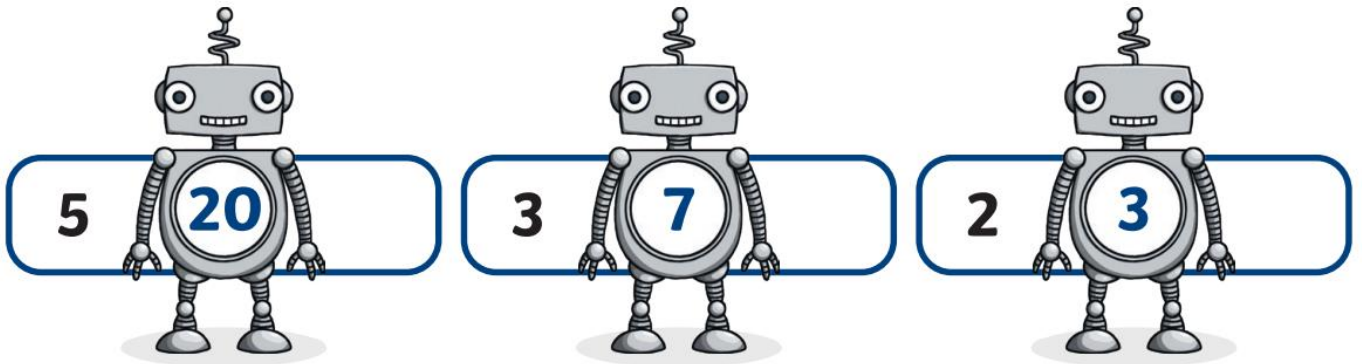
Questions:



Mixed Number Bonds to 20 on Robots

Worksheet 1

Can you find the missing number bond to make the number in the robot's tummy?



Wednesday



Today's number is...

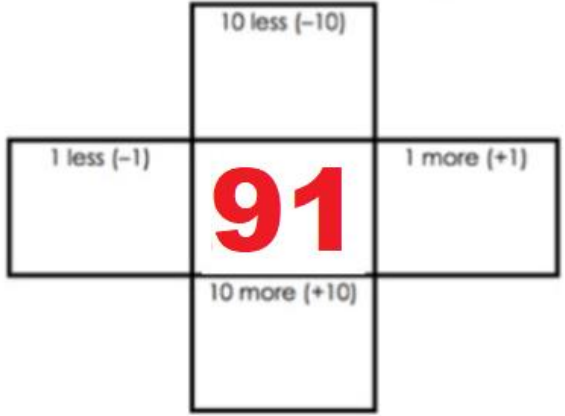
91

EVEN or ODD

Place Value

Hundreds	Tens	Ones

More and Less



Word Form

Expanded Form

$$\square + \square = \square$$

Show with Place Value Blocks

Use the digits to make the smallest number _____

Use the digits to make the largest number _____

Section 1

I have these coins in my purse.



I spent 10¢. How much money do I have left?

How much money do I have left?

Section 2

Kuba had 6 pencils.

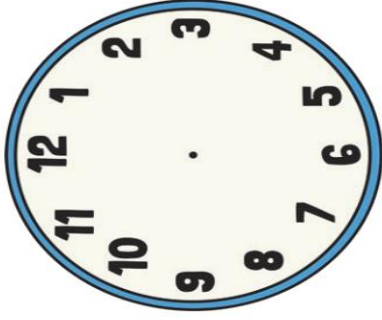
He lost 2 of them.

How many pencils does he have left?

 pencils

Section 3

Draw the hands on this clock to show 7 o'clock.



Section 4

Write a correct number statement using these numbers and signs:

Section 5

Partition these numbers into tens and ones:

14 → tens ones

23 → tens ones

18 → tens ones

Section 6

I have 4 plant pots with 2 plants in each pot.

How many plants do I have altogether?

Section 7

Animal	Tally
elephant	
zebra	
lion	
meerkat	

Becky went to the zoo and counted the animals.

How many meerkats were there?

How many lions were there?

How many more lions than elephants were there?

Section 8

How many jellybeans would half of these be?



Multiplication and Division worded problems

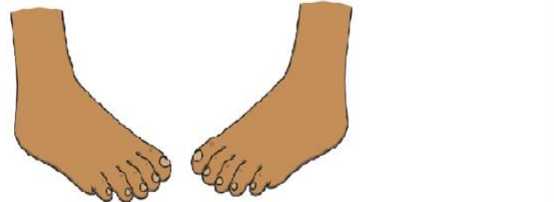
Multiplication and Division

12. I have 20 spare football cards. I share them equally between my 5 friends.
How many cards will they get each?



Multiplication and Division

- How many toes are there altogether
between 5 children?



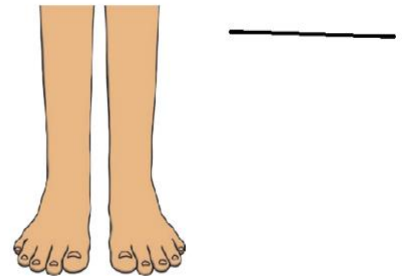
Multiplication and Division

7. I buy 6 bottles of lemonade. If there
are 2 litres in each bottle, how many
litres of lemonade have I bought?



Multiplication and Division

- How many feet are there altogether
between 8 children?



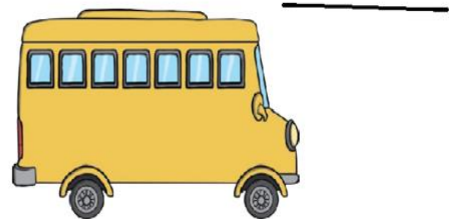
Multiplication and Division

2. I have 50c. All my coins are 10c pieces.
How many coins do I have?



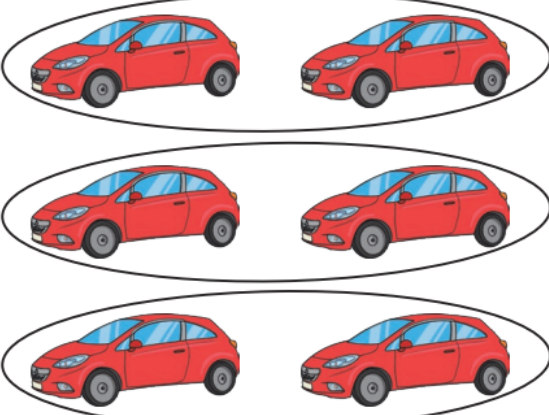
Multiplication and Division

5. 4 groups of children go on a school trip.
There are 10 children in each group.
How many children go on the trip?



Picture Arrays


Arrays are pictures that help us see numbers in rows and columns. Write the rows and columns, the repeated addition and a multiplication number sentences for each array.



3 rows of 2 cars.

$2 + 2 + 2 = \underline{\hspace{2cm}}$ cars.

$3 \times 2 = \underline{\hspace{2cm}}$ cars.



$\underline{\hspace{2cm}}$ rows of $\underline{\hspace{2cm}}$ chocolates.


$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$
 $\underline{\hspace{2cm}}$ chocolates.

$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ chocolates.

$\underline{\hspace{2cm}}$ rows of $\underline{\hspace{2cm}}$ bananas.

$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ bananas.

$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ bananas.



Thursday



Today's
number is...

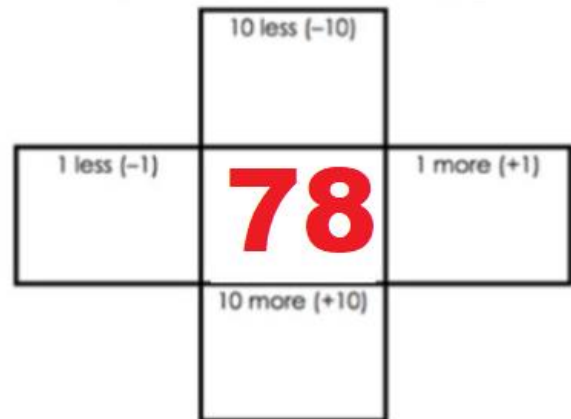
78

EVEN or ODD

Place Value

Hundreds	Tens	Ones

More and Less

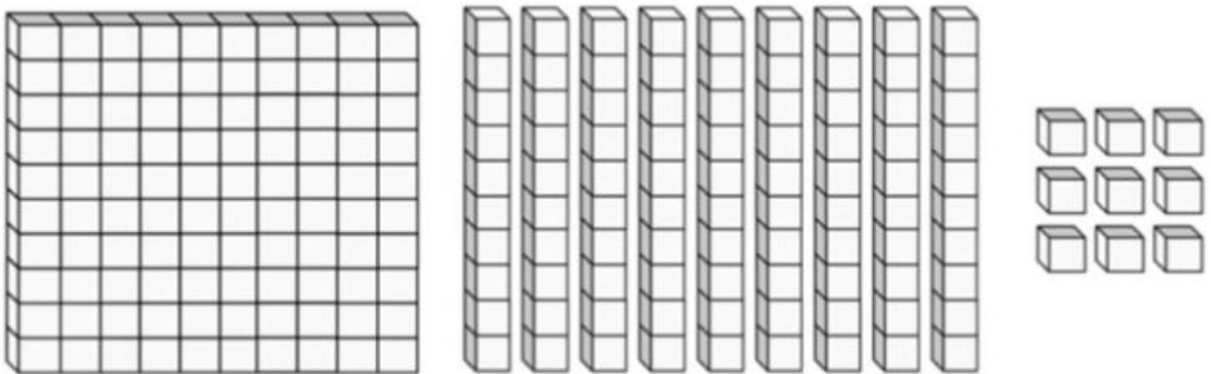


Word Form

Expanded Form

$$\square + \square = \square$$

Show with Place Value Blocks

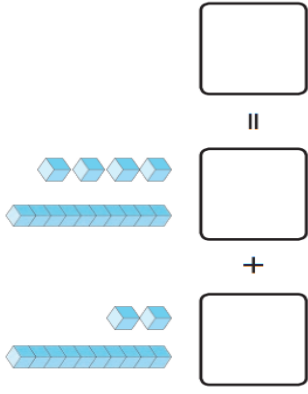


Use the digits to make the smallest number _____

Use the digits to make the largest number _____

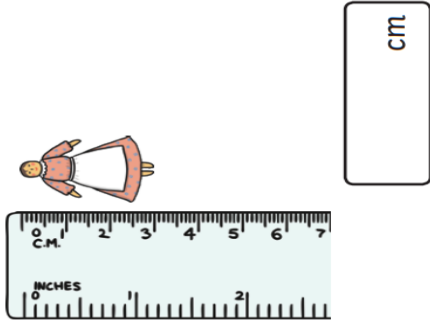
Section 1

Write an addition number sentence which is represented by the base 10 blocks.



Section 2

How long is the peg doll?



Section 3

Draw coins that add up to the price of the toy.



Section 4

Draw a square using a ruler.

Section 5

Billy and Kamil equally share 10 marbles. How many marbles will they each have?

Section 6

Draw a line to cut the pizza in half.



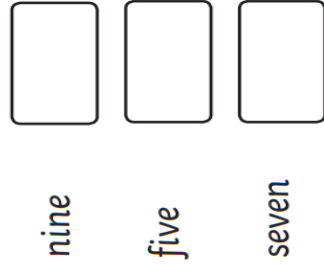
Section 7

Using these numbers, write 2 addition number statements.

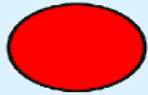


Section 8

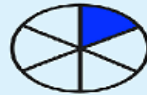
Write the numbers below as numerals:



Fractions Mat



1 one whole



$\frac{1}{6}$ one sixth



$\frac{1}{2}$ one half



$\frac{1}{7}$ one seventh



$\frac{1}{3}$ one third



$\frac{1}{8}$ one eighth



$\frac{1}{4}$ one quarter



$\frac{1}{9}$ one ninth



$\frac{1}{5}$ one fifth



$\frac{1}{10}$ one tenth

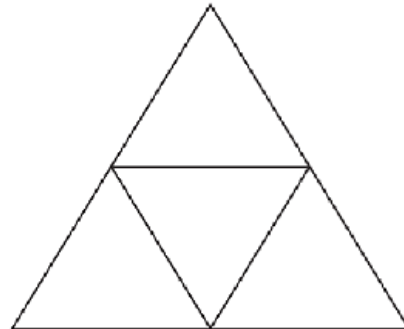
Stained Glass Window Fractions

Colour the windows to match the fractions.



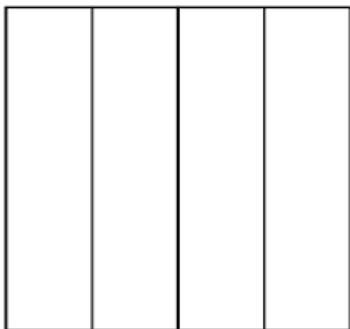
$\frac{1}{2}$ red

$\frac{1}{2}$ blue



$\frac{3}{4}$ blue

$\frac{1}{4}$ yellow

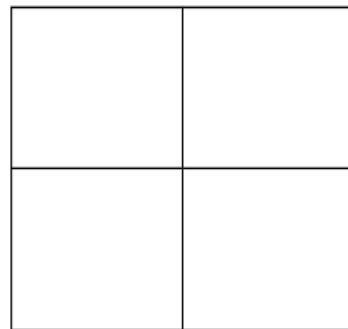


$\frac{1}{4}$ red

$\frac{1}{4}$ green

$\frac{1}{4}$ blue

$\frac{1}{4}$ yellow



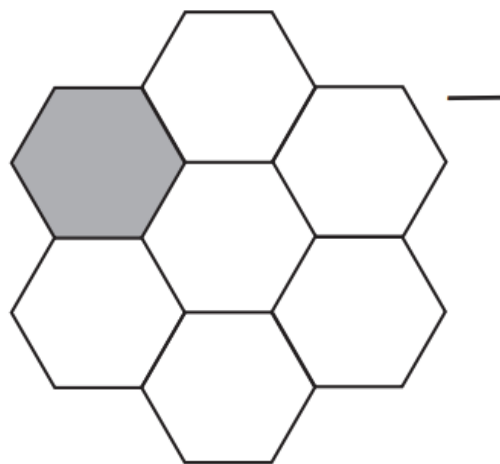
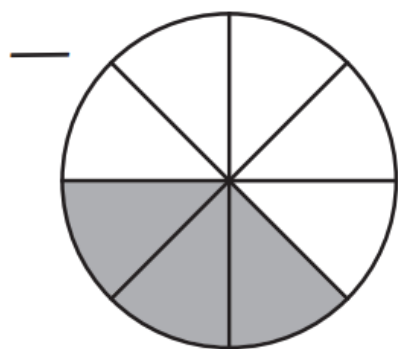
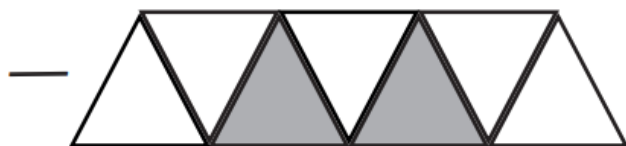
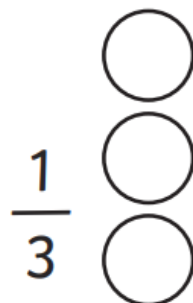
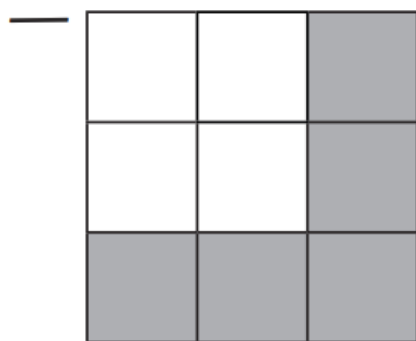
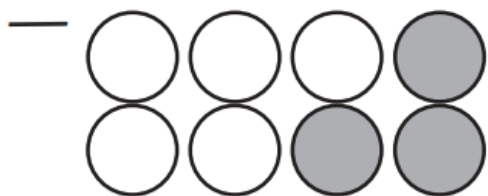
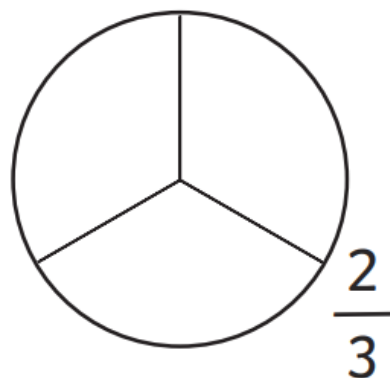
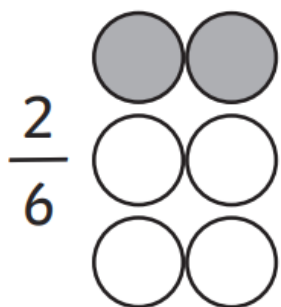
$\frac{1}{2}$ green

$\frac{1}{4}$ yellow

$\frac{1}{4}$ red

Colour and Label Fractions

Colour and label correctly:
The first has been done for you.



Friday



Today's
number is...

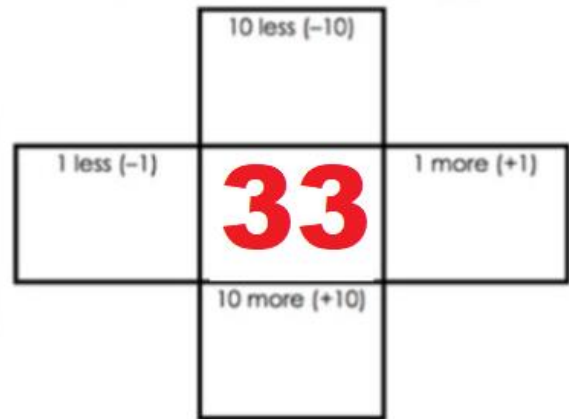
33

EVEN or ODD

Place Value

Hundreds	Tens	Ones

More and Less

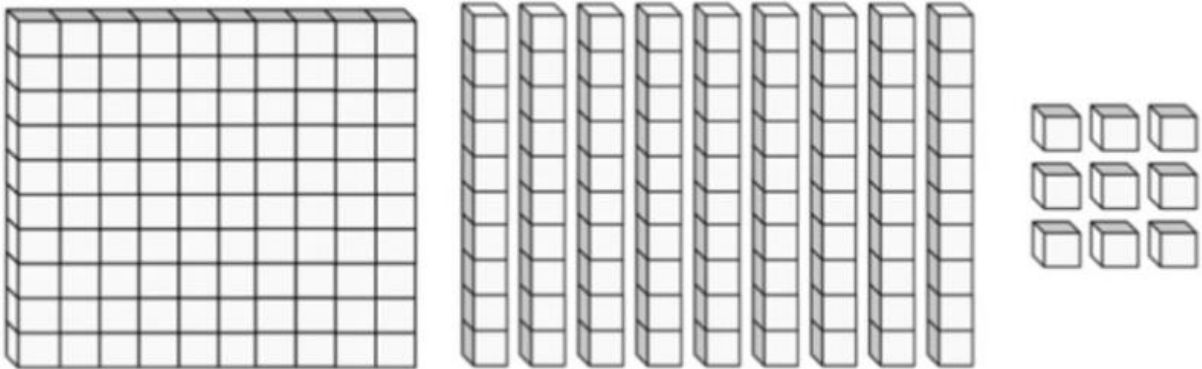


Word Form

Expanded Form

$$\square + \square = \square$$

Show with Place Value Blocks



Use the digits to make the smallest number _____

Use the digits to make the largest number _____

Section 1

Imagine a cube.

What 2D shape is every side of a cube made from?

Tick the box.

triangle square rectangle

Section 2

What is $\frac{1}{2}$ of 6 counters?



Section 3

There are 6 white rabbits and 4 brown rabbits in a pet shop.

How many rabbits are there altogether?

Section 4

Tick which unit you would measure the weight of a bag of sugar.

millilitres

centimetres

grams

Section 5

Show how this number statement could be written in a different way but with the same answer.

$$4 + 10 = 14$$

Section 6

Count on:

6, 8, 10,

,

,

Section 7

If there are 4 chickens in a paddock, how many legs will there be altogether?

Section 8

Circle the largest amount of money in each group:

a) 23p or 20p

b) £1 or 50p

2D Shape Turns

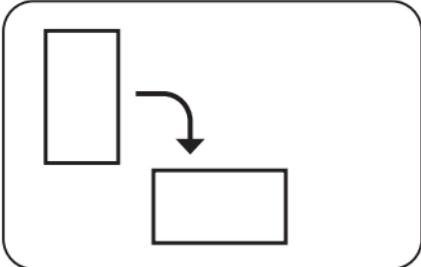
To describe quarter and half turns.

The shapes are turning in a clockwise direction.

Clockwise:

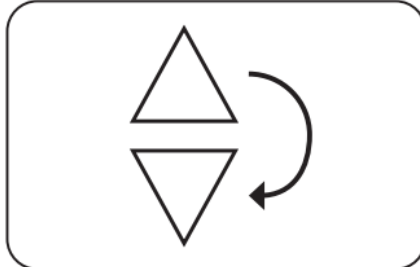


Tick the turns that these shapes have made.



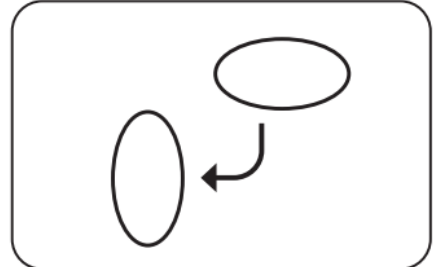
quarter turn

half turn



quarter turn

half turn



quarter turn

half turn

Turn the shapes to finish the pattern.

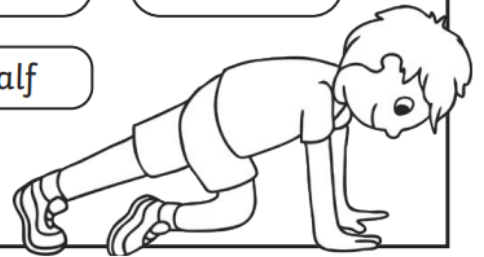


Which word describes the turns?

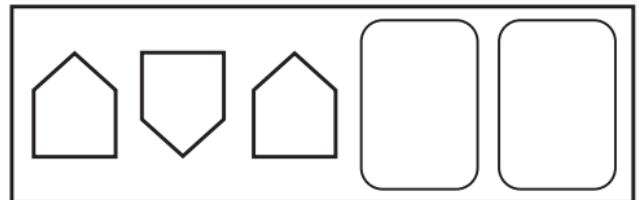
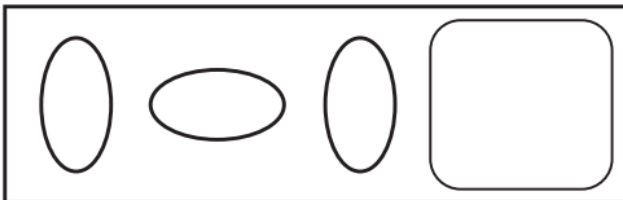
quarter

half

The shape made _____ turns.



Turn the shapes to finish the patterns.



Which word describes the turns?

quarter

half

The oval made _____ turns. The pentagon made _____ turns.

Continue the Pattern

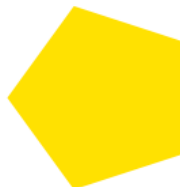
Draw the next rotation in the pattern.

These shapes are turning 'clockwise', one quarter turns.

Clockwise:





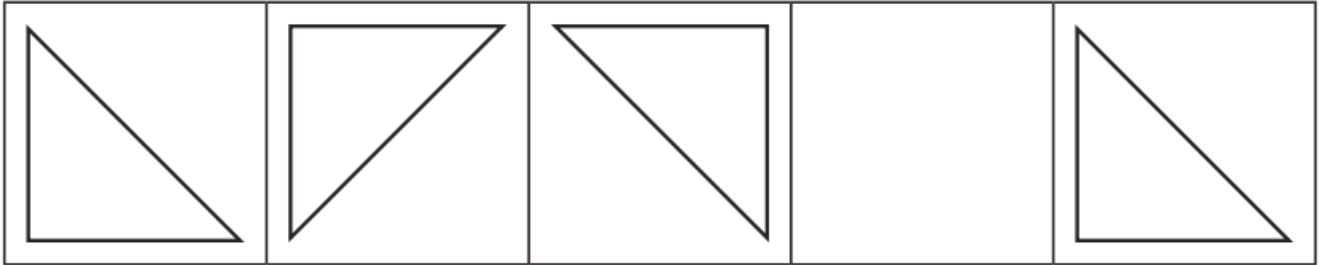




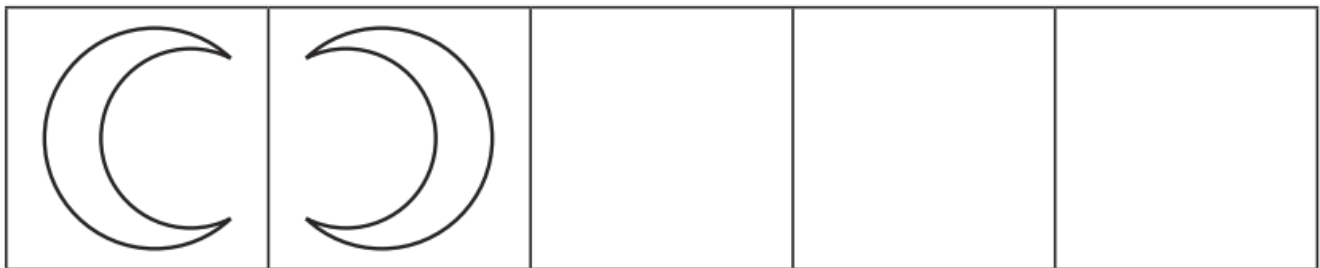


Identifying and Describing Half and Quarter Turns Activity Sheets

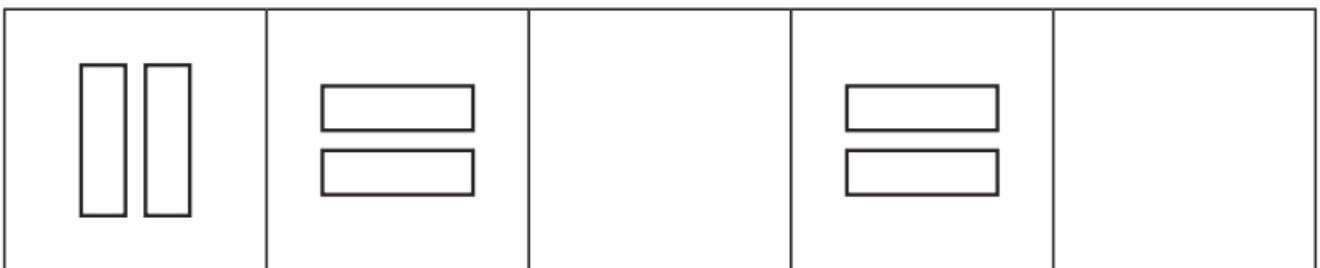
Look at the patterns below. Can you draw the missing shape in the blank boxes? Write the pattern rule underneath. Is it a half turn pattern or a quarter turn pattern?



Rule: _____



Rule: _____



Rule: _____

Well done! You have completed all work for the week! The next page is optional and for those who want to keep extra busy 😊

Monday

1. $2 + 6 =$ _____

2. $2 - 2 =$ _____

3. $8 + 3 =$ _____

4. Write the number showing 7 tens and 2 ones. _____

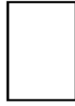
5. Complete this counting pattern:

0, 2, 4, 6, _____, _____, _____

6. Take 3 away from 3: _____

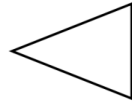
7. What does 8 plus 9 equal? _____

8. Colour in half of this shape:



9. At 9 o'clock, the hour hand points to _____.

10. Circle the corners on this shape.



Tuesday

1. $6 - 6 =$ _____

2. $8 + 3 =$ _____

3. $4 + 1 =$ _____

4. What number is made up of 8 tens and 2 ones? _____

5. Complete this counting pattern:

2, 4, 6, 8, _____, _____, _____

6. Subtract 2 from 9: _____

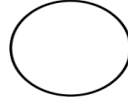
7. Benjamin has 3 oranges. If Benjamin buys 5 more oranges, how many oranges does he have altogether? _____

8. Draw a line to split this shape in half.



9. At 11 o'clock, the hour hand points to _____.

10. How many sides does a circle have? _____



Wednesday

1. $9 + 5 =$ _____

2. $3 + 8 =$ _____

3. $6 - 3 =$ _____

4. What is the value of the number in the tens place in 87? _____

5. Complete this counting pattern:

0, 2, 4, 6, _____, _____, _____

6. In a group of 14 students, 6 would like to play tennis and the rest want to play netball. How many want to play netball? _____

7. I bought 6 dolls and was given 1 more doll. How many dolls do I now have? _____

8. Draw a line to split this shape in half.



9. At 8 o'clock, the hour hand points to _____.

10. How many sides does a oval have? _____



Thursday

1. $8 + 7 =$ _____

2. $3 + 3 =$ _____

3. $4 - 4 =$ _____

4. Write 47 in words: _____

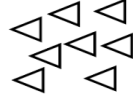
5. Complete this counting pattern:

4, 9, 14, 19, _____, _____, _____

6. Subtract 7 from 7: _____

7. If there were 14 fans at a volleyball game, 7 were wearing maroon and the rest were wearing red, how many were wearing red? _____

8. Colour in half of these triangles.



9. What digital time does the clock show? _____



10. What is the name of this shape? _____

