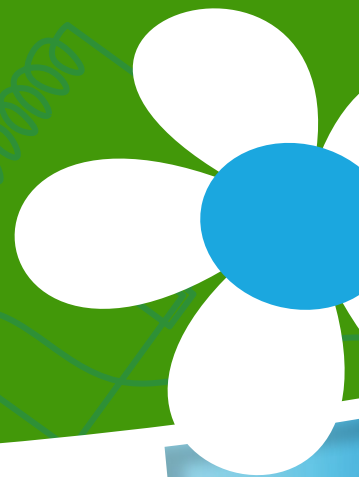


Activities between Years 1 and 2

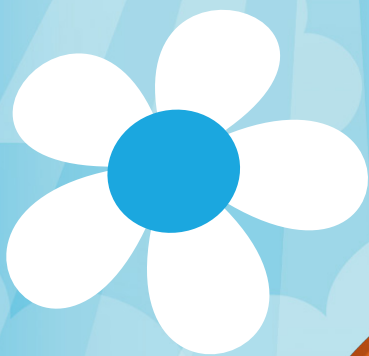


MathSeeds



SUMMER

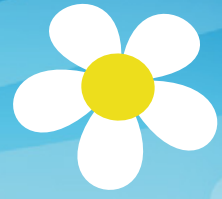
FUN PACK



www.mathseeds.com



Mathseeds



Congratulations

You're
doing a
great job!





Mathseeds



Woo hoo



Way to go!



www.mathseeds.com



Get Ready for Year 2

Area

Online lesson: Lesson 59 – Area

Worksheets: Compare Areas, Area in Squares

Counting 20–20

Online lesson: Lesson 60 – Counting 20-30

Worksheets: Match and Count, Compare and Order

Halves

Online lesson: Lesson 61 – Wholes and Halves

Worksheets: Wholes and Halves, Make Halves

3D Objects

Online lesson: Lesson 62 – Sorting 3D Objects

Worksheets: Stack and Roll, Sort 3D Objects

Ordinal Numbers

Online lesson: Lesson 63 – Ordinal Numbers

Worksheets: 1st to 10th, Order the Numbers

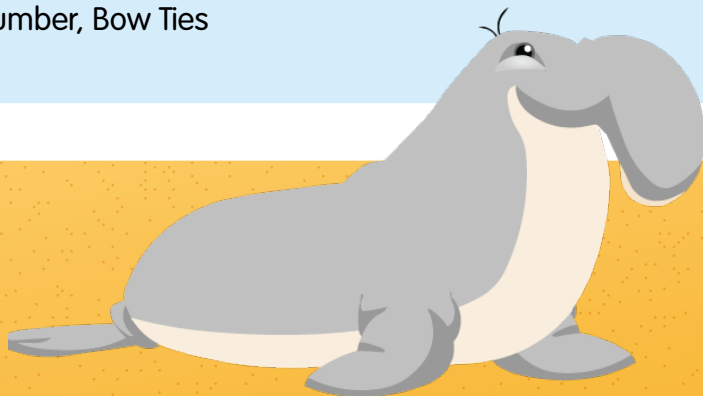
Bonus

Poster: Sorting Shapes

Online: Mental Minute + – Badges 83–84, Driving Tests Grade 1 Number 1–3, Driving Tests Grade 1 Patterns and Fractions 1–6, Driving Tests Grade 1 Geometry 1–8

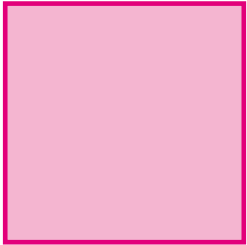
Sheets: 8 Squares, Dizzy's Secret Number, Bow Ties

Game: Area Grab

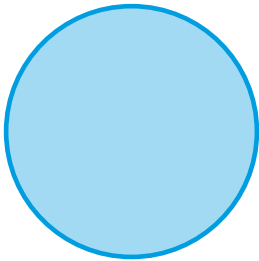


Sorting Shapes

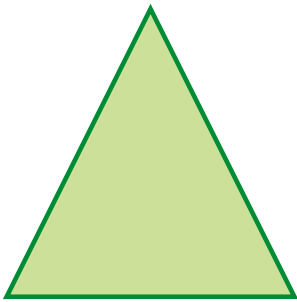
2D • Flat shapes



square



circle

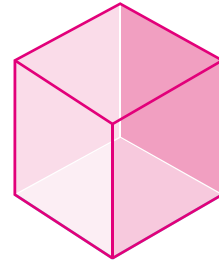


triangle

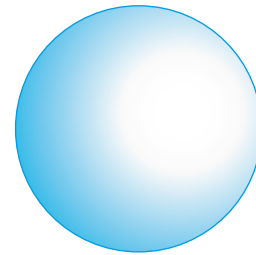


rectangle

3D • Solid shapes



cube



sphere



cone

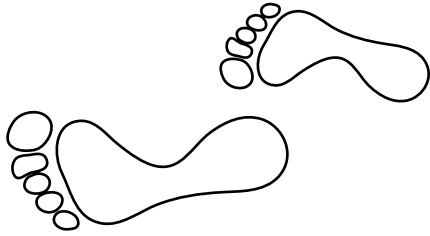


cylinder

COMPARE AREAS

1 Colour.

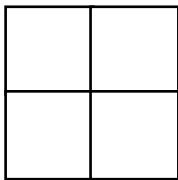
the bigger footprint in
each pair



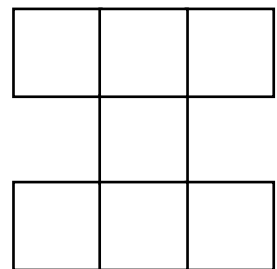
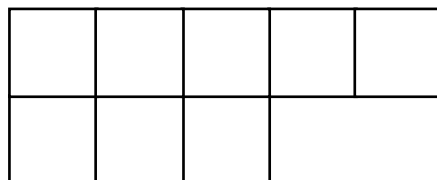
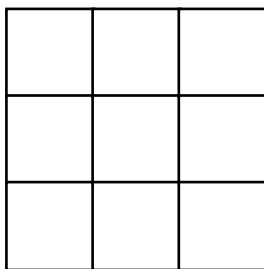
the smaller footprint in
each pair



2 Colour the shape with the **smallest** area.

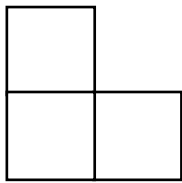


3 Colour the shape with the **biggest** area.

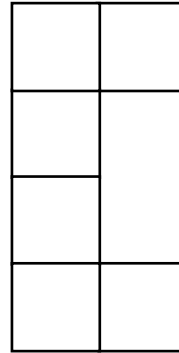


AREA IN SQUARES

1 Count the squares. Write the total number.



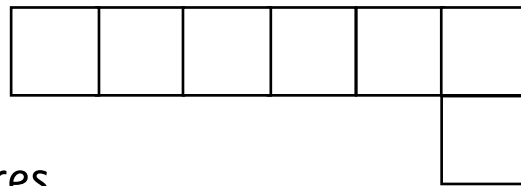
_____ squares



_____ squares



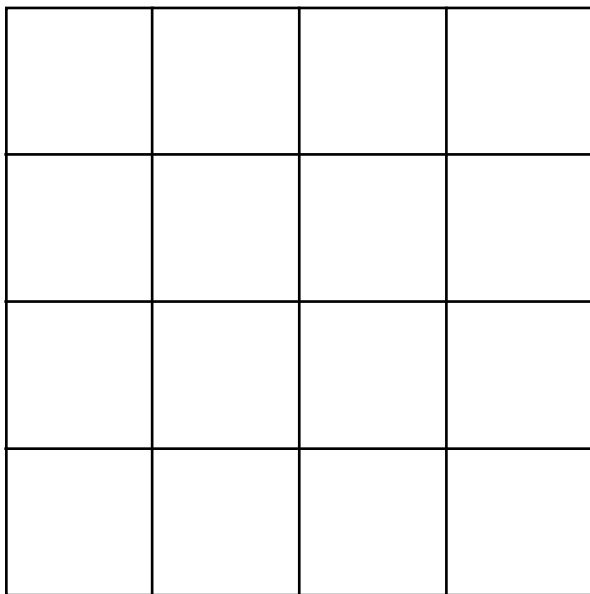
_____ squares



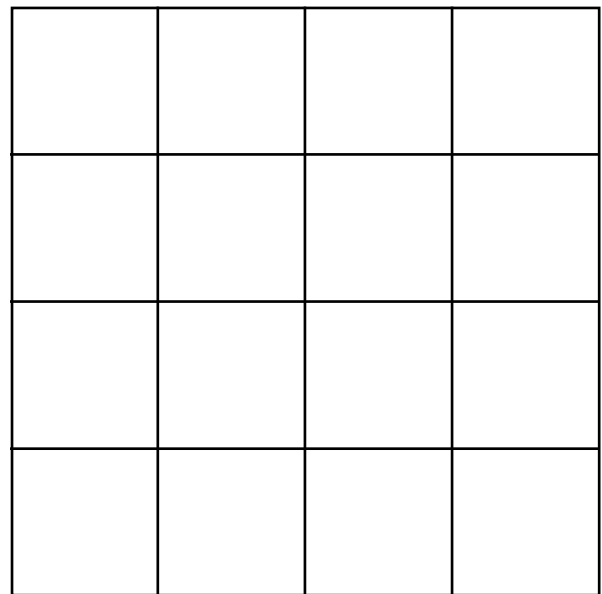
_____ squares

Circle the shape that has the largest area.

2 Draw and colour.



a shape that covers
6 squares



a shape that covers
12 squares

MATCH AND COUNT

1 Match the number words and numerals.

thirty

twenty-five

twenty-nine

twenty

twenty-two

twenty-seven

20

21

22

23

24

25

26

27

28

29

30

twenty-three

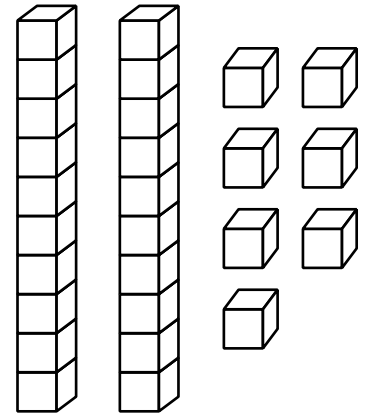
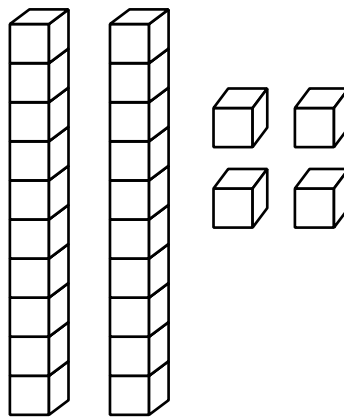
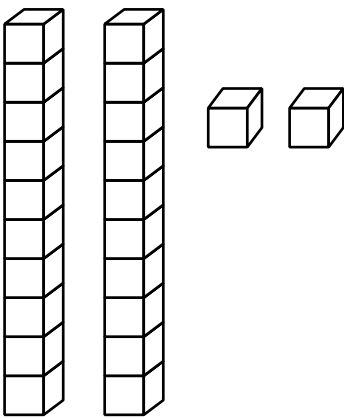
twenty-six

twenty-one

twenty-eight

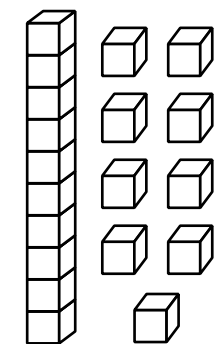
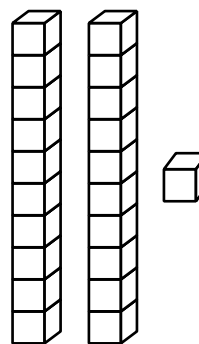
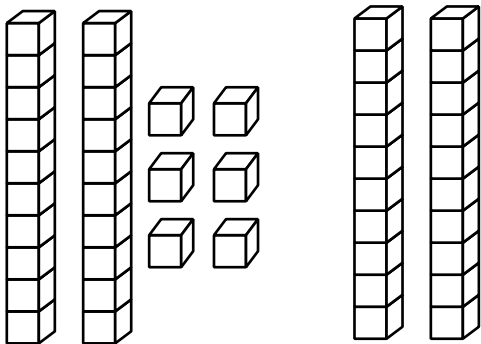
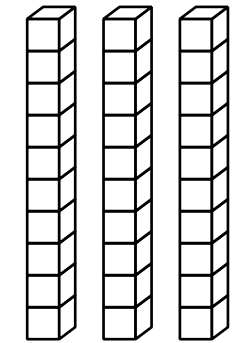
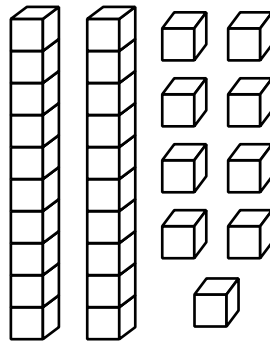
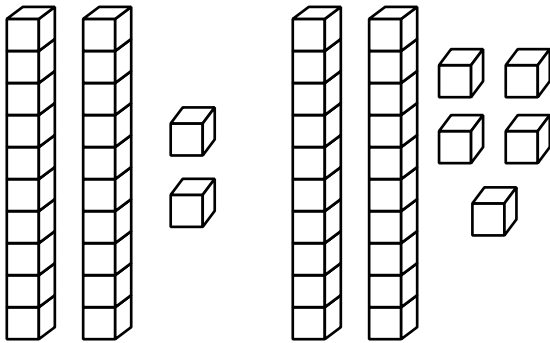
twenty-four

2 Write the number.



COMPARE AND ORDER

1 Write the numbers. Colour the larger number.



2 Write
one more than

21 _____

29 _____

27 _____

24 _____

one less than

23 _____

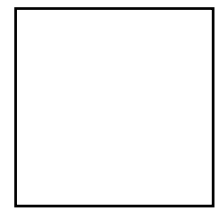
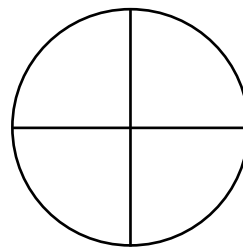
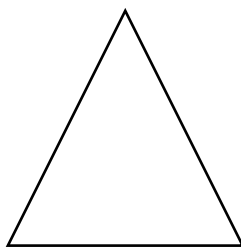
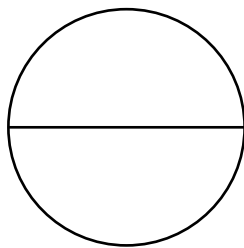
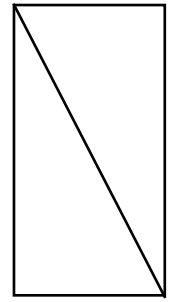
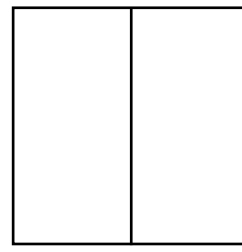
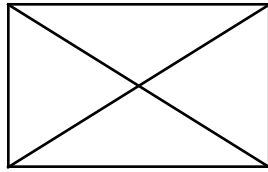
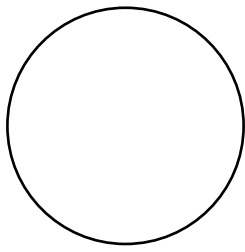
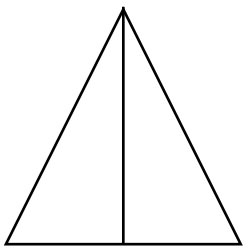
26 _____

21 _____

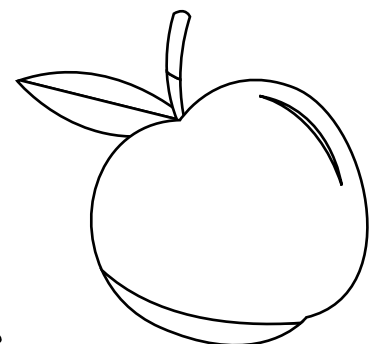
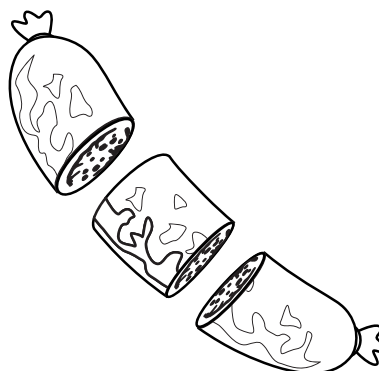
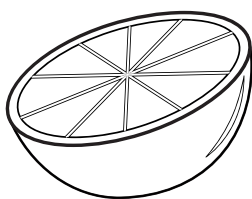
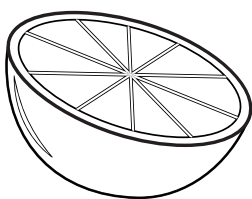
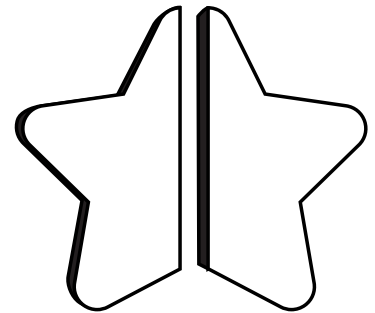
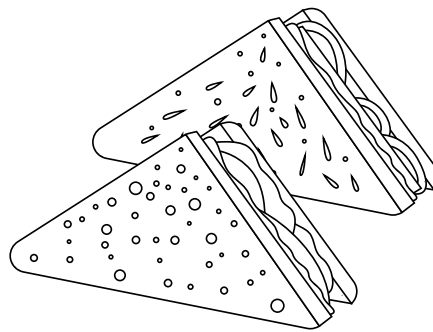
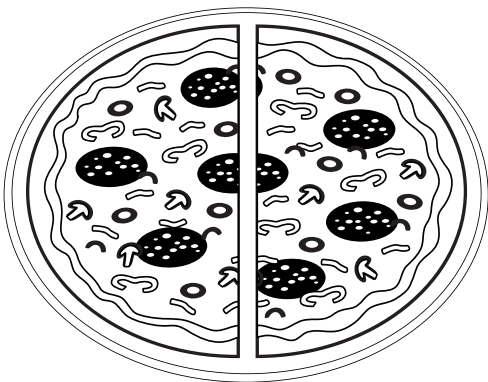
28 _____

WHOLES AND HALVES

1 Colour the halves in red and the wholes in blue.

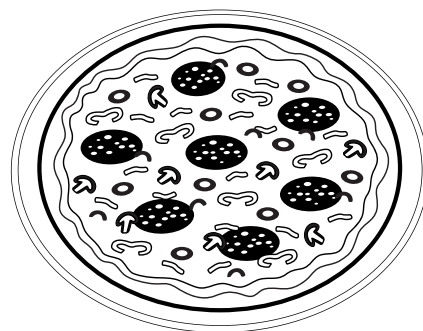
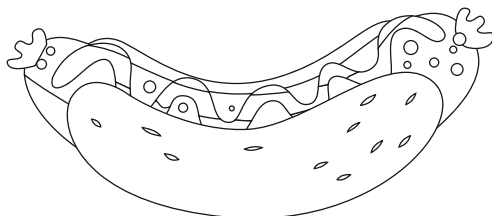
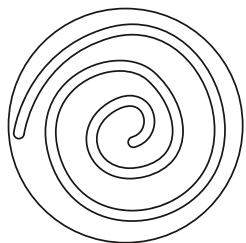
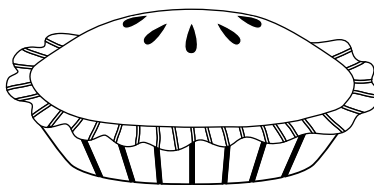
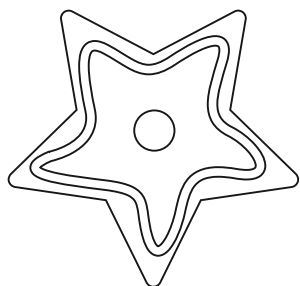
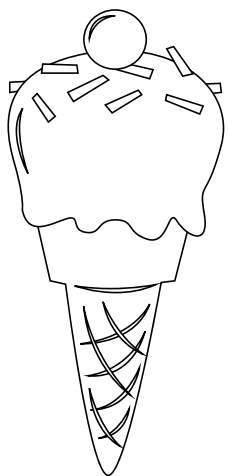


2 Circle the things cut into halves.

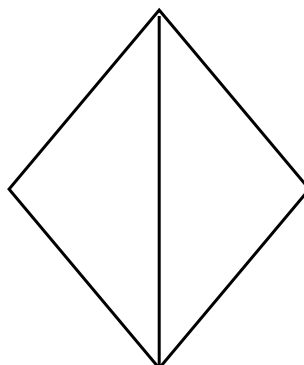
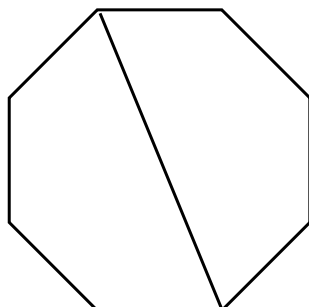
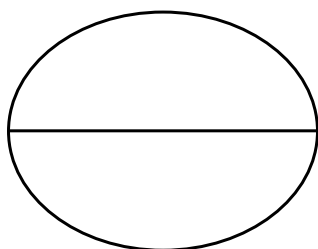
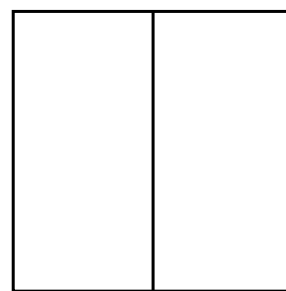
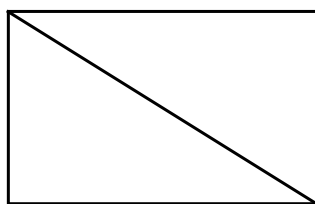
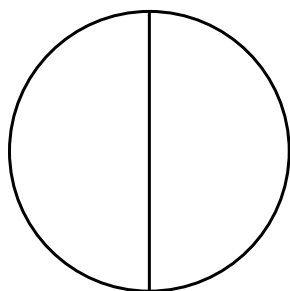
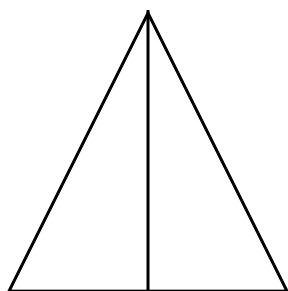


MAKE HALVES

1 Draw a line to cut these foods in half.

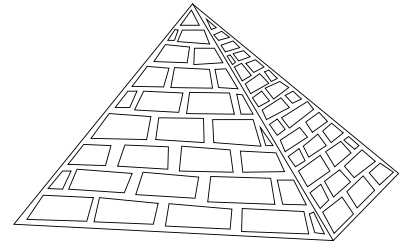
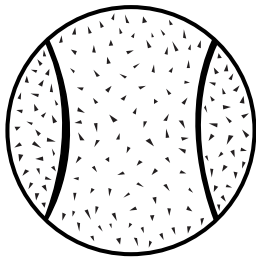
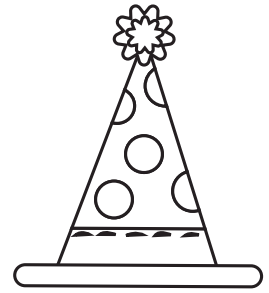
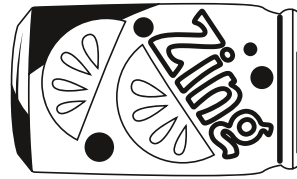
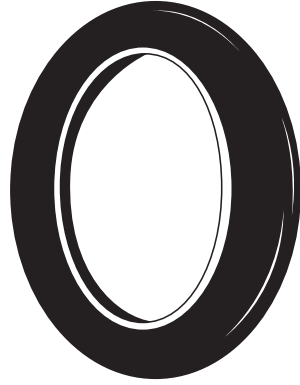
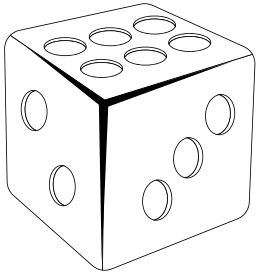


2 Colour half of each shape.



STACK AND ROLL

1 Circle the objects that roll when pushed.



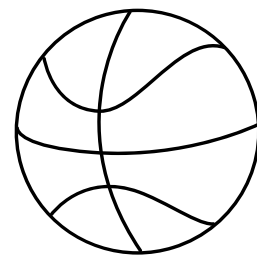
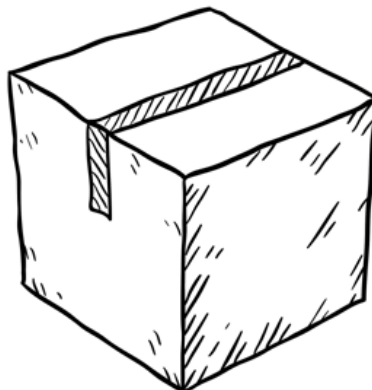
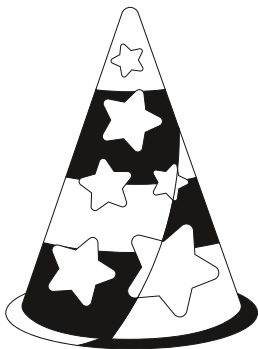
2 Finish each sentence.

can cannot roll stack

Objects with flat faces can _____.

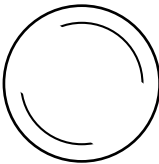
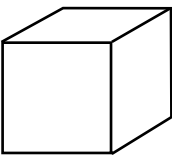
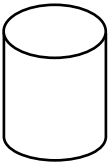
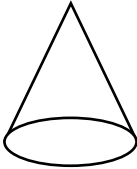
Objects with curved surfaces can _____.

Objects with a point on top _____ stack.

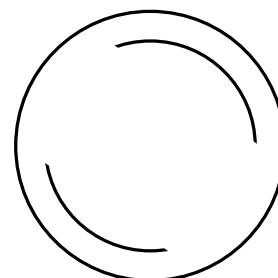
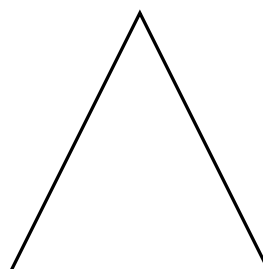
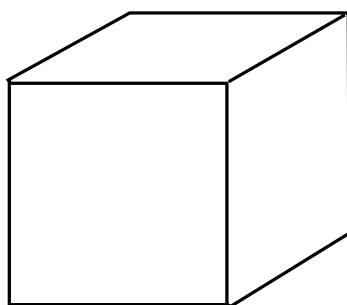
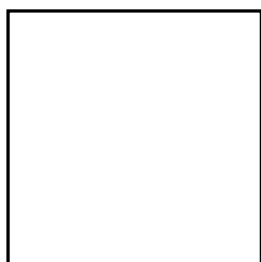
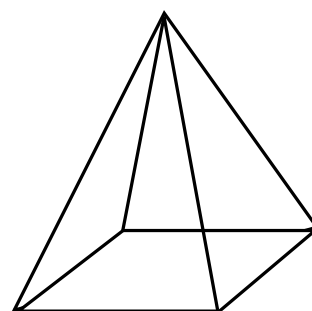
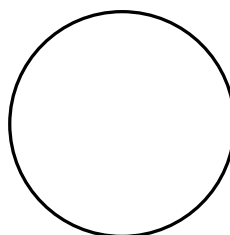
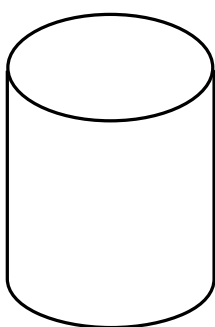


SORT 3D OBJECTS

1 Complete the table. ✓ for yes ✗ for no.

	can roll	can slide	can stack
			
			
			
			

2 Colour the 3D objects.



1ST TO 10TH

1 Match each word to its number.

first

second

third

fourth

fifth

3rd

4th

1st

5th

2nd

8th

6th

10th

7th

9th

sixth

seventh

eighth

ninth

tenth

2 Complete the prize ribbons.

1

1st

2

3

4

5

6

7

8

9

10

ORDER THE NUMBERS

1 Colour.

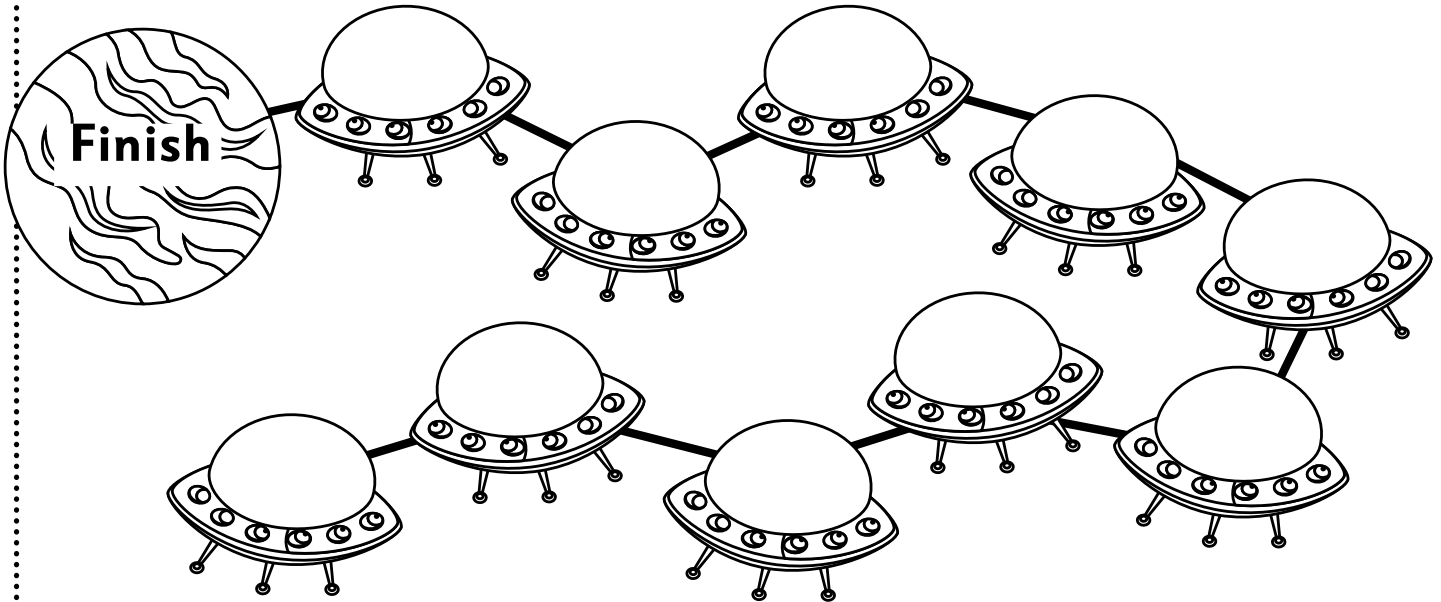
3rd and 6th green

1st and 10th yellow

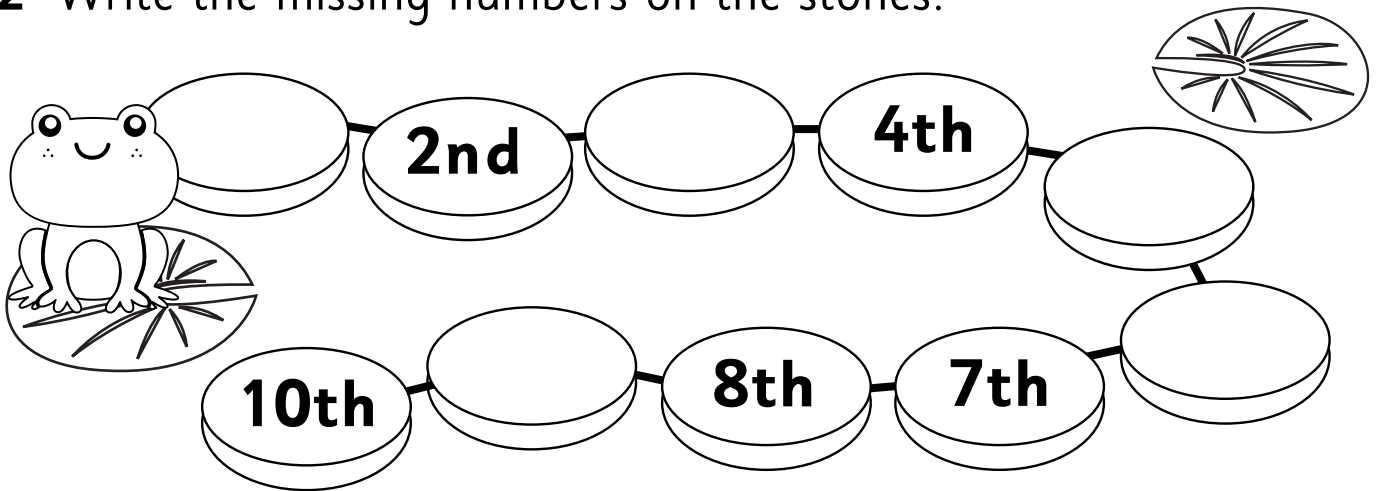
5th and 7th red

2nd and 9th blue

4th and 8th orange



2 Write the missing numbers on the stones.



3 Write the ordinal number words in order from 1st to 5th.

8 SQUARES

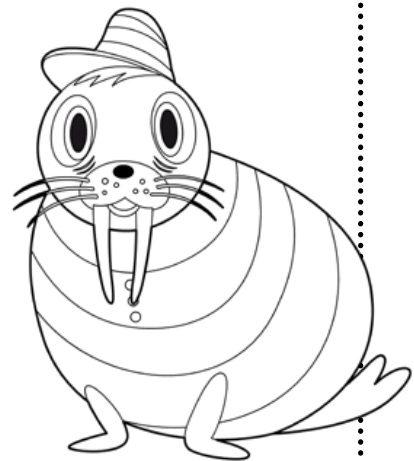
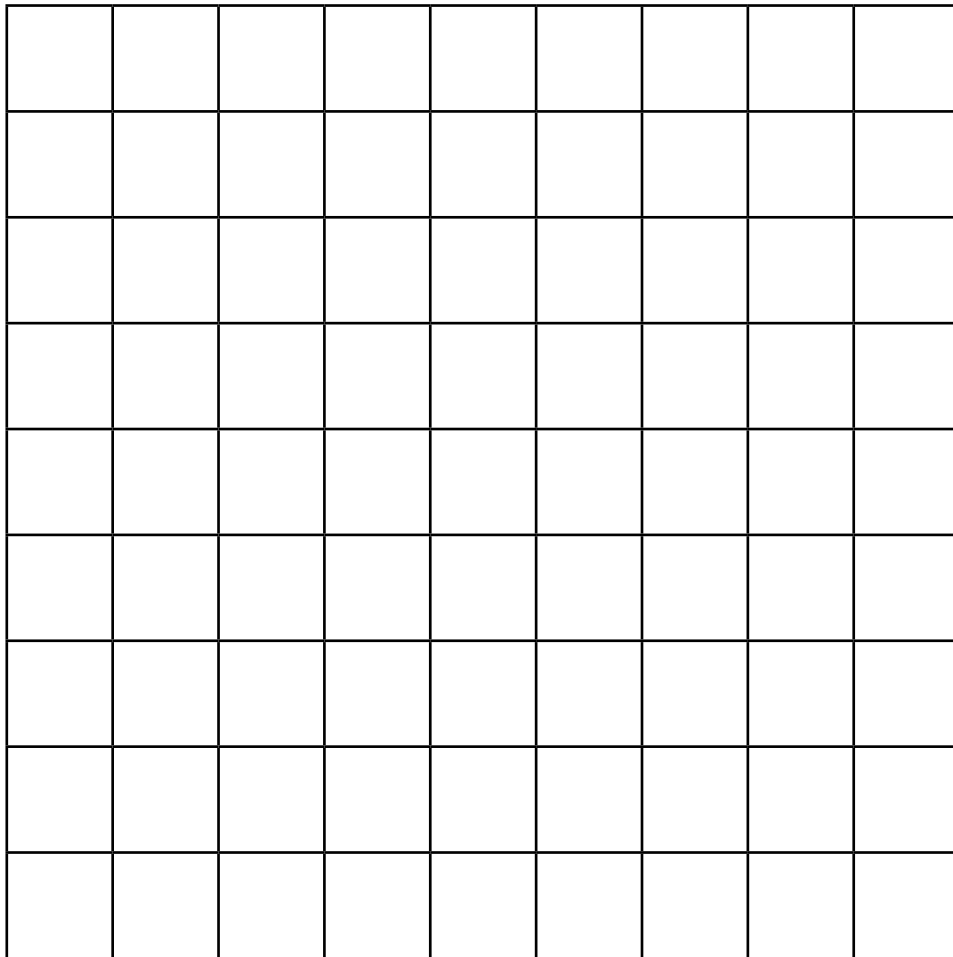
1 Read.

Waldo drew a shape that covered 8 squares.

Then he drew some more shapes that each covered 8 squares. What might the shapes be?

2 Underline the question. 3 Circle the facts.

4 Draw pictures to solve the problem.



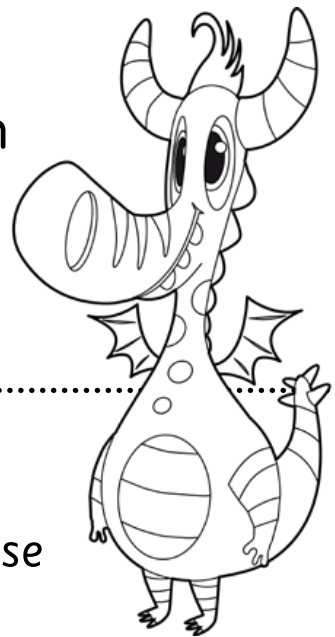
5 How many shapes did you draw? _____

6 Compare your shapes with a partner's.
Are any of your shapes the same?

DIZZY'S SECRET NUMBER

1 Read.

Dizzy is thinking of a number. It is between 1 and 30. It has two digits. It has a 0 in it. What number might it be?



2 Underline the question. 3 Circle the facts.

4 Make a list of numbers 1–30. Cross out those you don't need.



Dizzy's is the smallest number. It is number _____

5 Share your answer with a partner. Talk about why making a list of numbers is a good strategy to solve this problem.

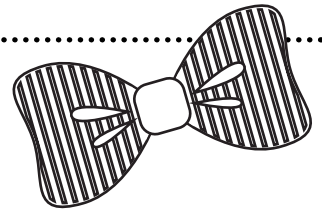
BOW TIES

1 Read.

Doc has a red tie, a yellow tie, and a green tie. On the 1st day he wore his red tie. On the 2nd day he wore his yellow tie. On the 3rd day he wore his green tie. Follow the pattern. What colour tie will Doc wear on the 10th day?

2 Underline the question. 3 Circle the facts.

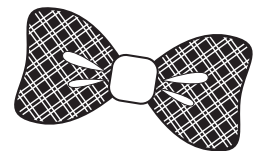
4 Use the table to solve the problem.



1st day	2nd day	3rd day	4th day	5th day
6th day	7th day	8th day	9th day	10th day

Doc will wear a _____ tie on the 10th day.

5 Think of another way to solve this problem.



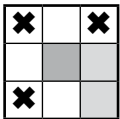
AREA GRAB

You will need a partner 😊, 2 coloured pencils ✎✎, and this sheet.

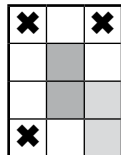
- 1 Colour any one square on the grid in your colour.
- 2 Your partner colours two squares, one of which must be next to yours.
- 3 You colour three squares, starting from next to your first one.
- 4 They colour four squares, starting from next to one of theirs.
- 5 Take turns colouring more and more squares until someone cannot go.
- 6 Each of you counts your colour squares. The winner has the largest area.

After your first go, you can only colour in squares that share a side with a square that is already in your colour. For example:

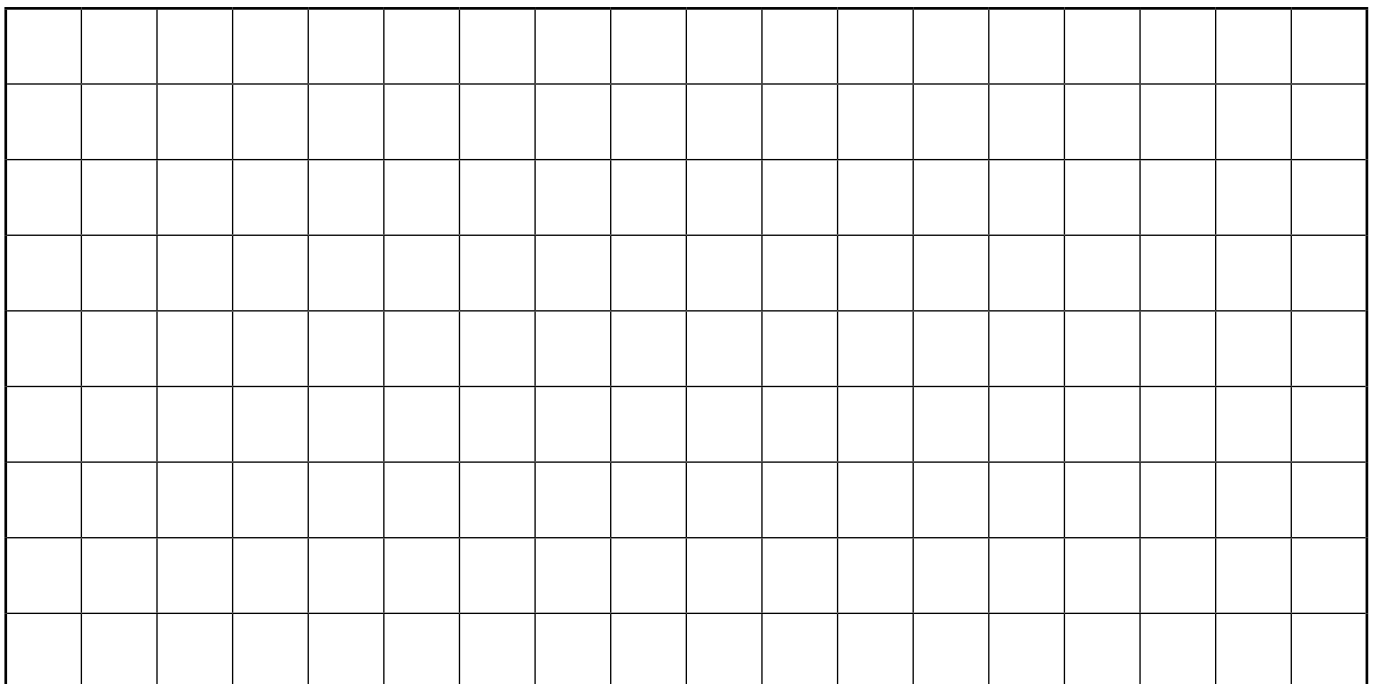
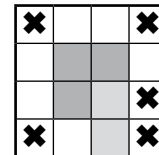
Turn 3 starts
with 3 possible
squares.



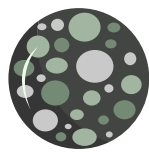
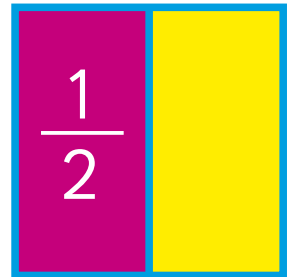
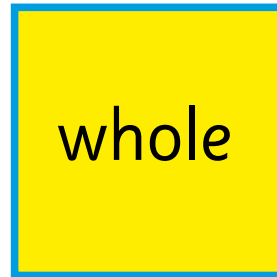
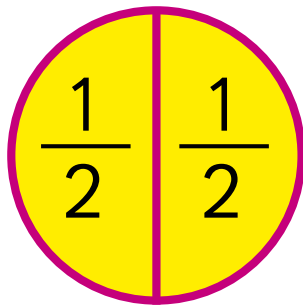
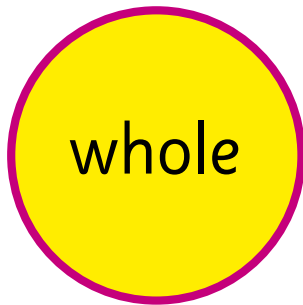
Colour 1 square and
there are 4 options
for the 2nd square.



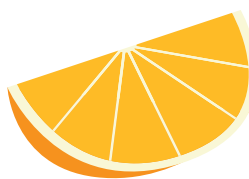
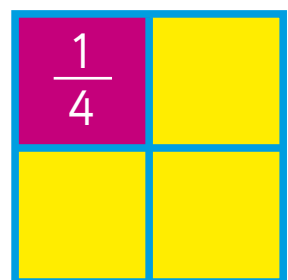
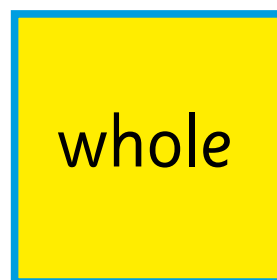
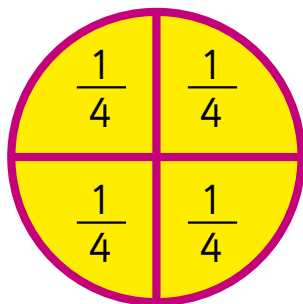
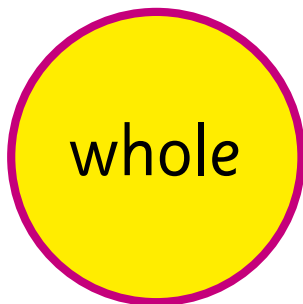
Colour a 2nd square
and there are 6 options
for the 3rd square.



Halves and Quarters



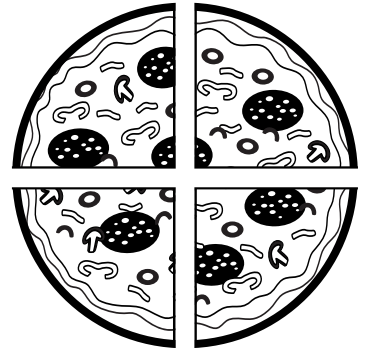
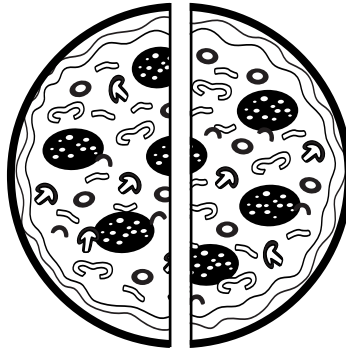
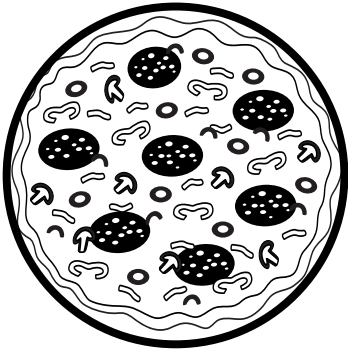
one half



one quarter

IDENTIFY FRACTIONS

1 Match the words to the pictures.

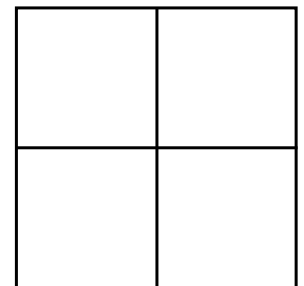
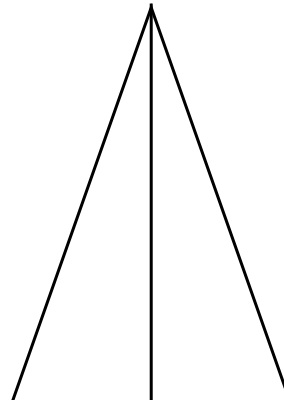
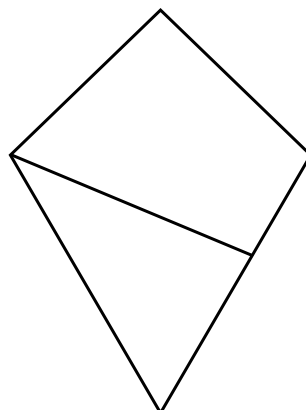
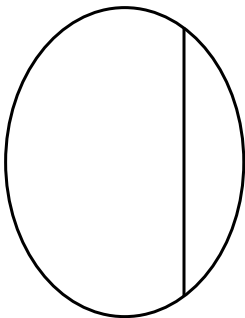
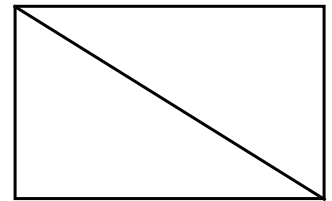
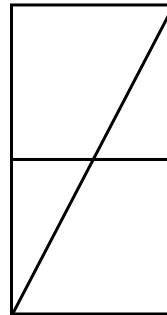
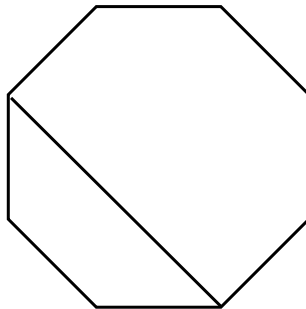
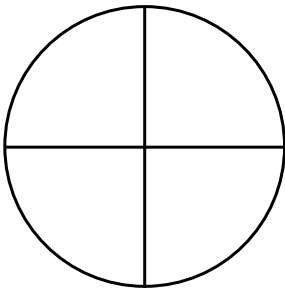


quarters

whole

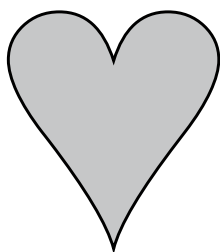
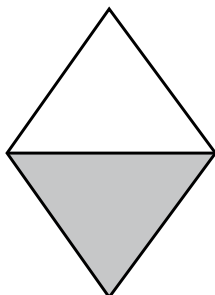
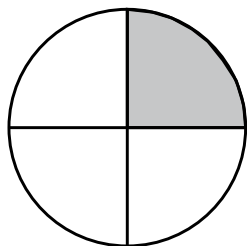
halves

2 Colour the quarters blue and the halves red.
Remember to look for equal parts.



MATCH AND COLOUR

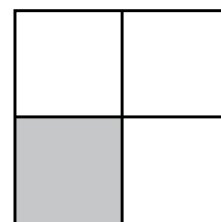
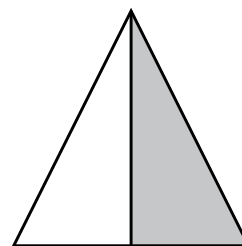
1 Match each fraction to a word.



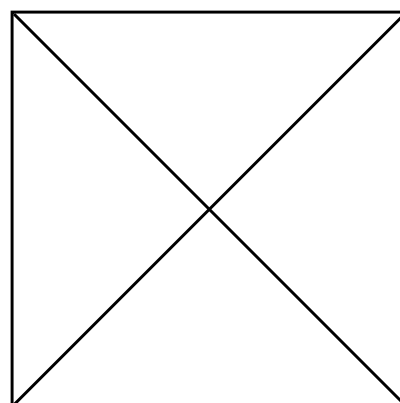
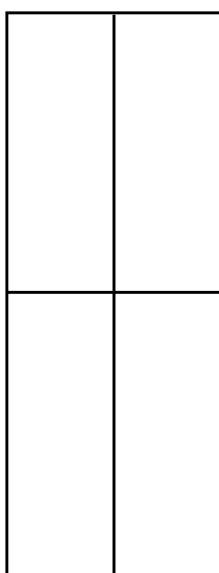
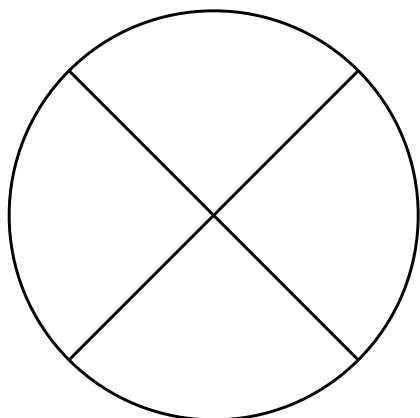
whole

half

quarter



2 Colour.



one quarter

one half

one whole

NUMBERS AND WORDS

1 Match the number words and numerals.

thirty-seven

thirty-five

thirty-one

thirty-four

thirty-two

31

34

32

33

38

35

37

30

39

36

40

thirty-three

thirty

thirty-six

forty

thirty-nine

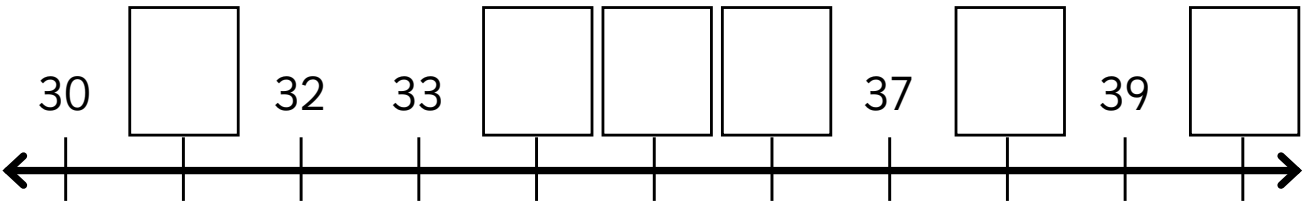
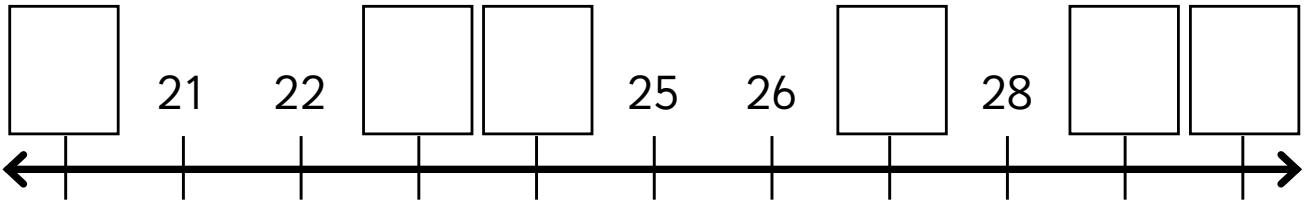
thirty-eight

2 Write the numerals from 20 to 40 in order.

20,

COMPARE NUMBERS

1 Complete the number lines.



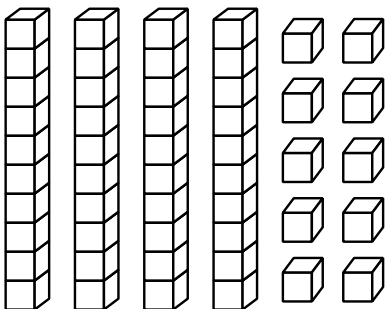
2 Write one more than.

30 _____ **34** _____ **37** _____ **39** _____

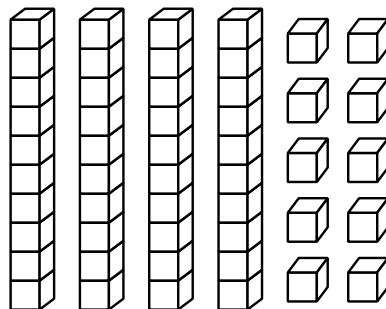
3 Write one less than.

31 _____ **33** _____ **36** _____ **38** _____

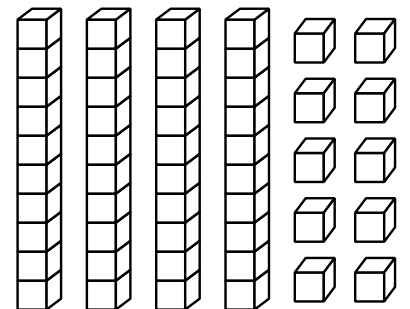
4 Colour the correct number of blocks.



33



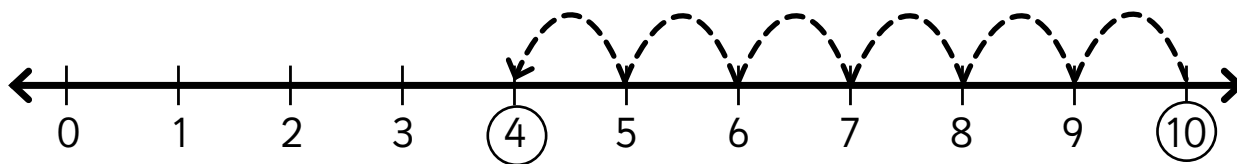
40



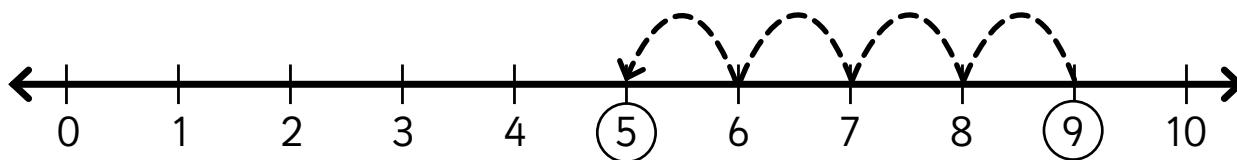
38

NUMBER LINES

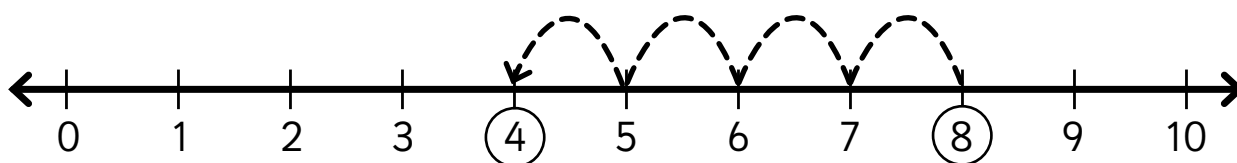
Count the jumps to find the difference.



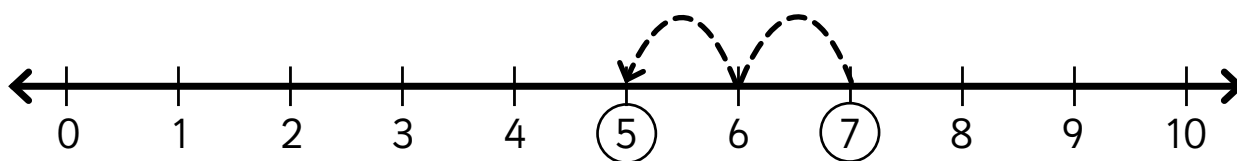
The difference between 10 and 4 is .



The difference between 9 and 5 is .



$$8 - 4 = \square$$



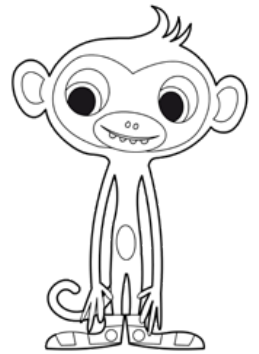
$$7 - 2 = \square$$

DIFFERENCE PROBLEMS

Draw the problems and find the answers.

- 1 Mango has 10 pink marbles. Dizzy has 8 blue marbles.
How many more pink marbles are there?

There are more pink marbles.



- 2 Ruby has 9 green bows. Doc has 3 red bows.
How many more green bows are there?

There are more green bows.



MAKING SMALLER SHAPES

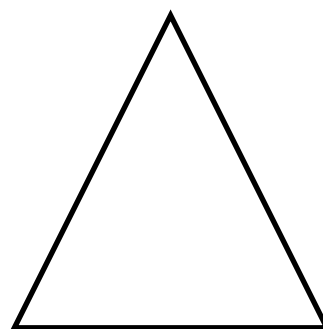
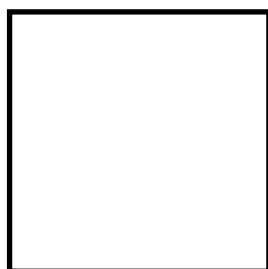
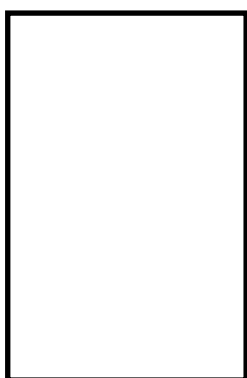
1 Draw.

a triangle

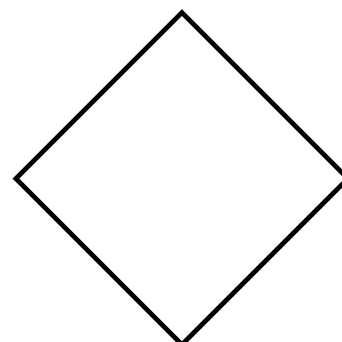
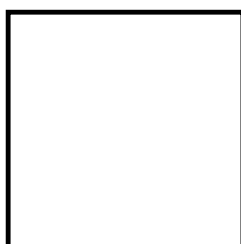
a rectangle

a square

2 Draw one line to change each shape into 2 triangles.



3 Draw 2 lines on each shape to make 4 smaller 2D shapes.
Name the shapes you have made.



MAKING LARGER SHAPES

1 Draw

2 rectangles making a square.

4 squares making a rectangle.

2 Put together 2 half circles.

What shape did you make? _____

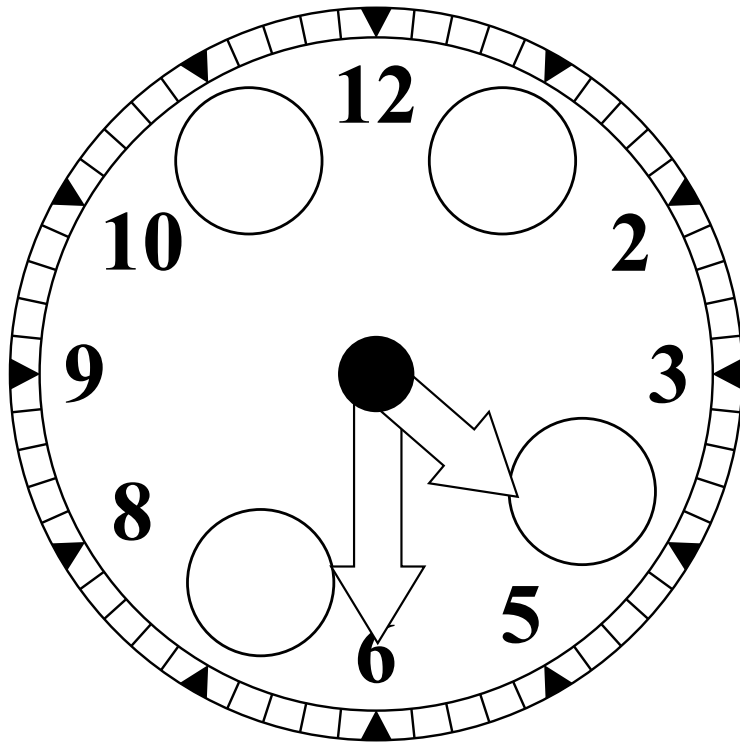
3 Put together 4 triangles.

What shape did you make? _____

HALF-PAST

1 Write the missing numbers.

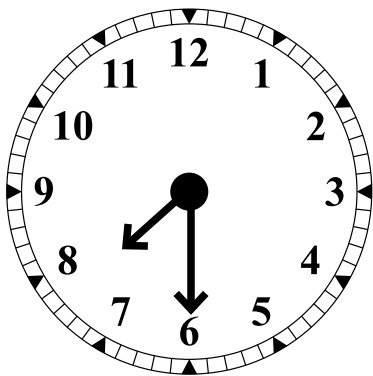
Colour the big hand **red**. Colour the small hand **green**.



What time is it?

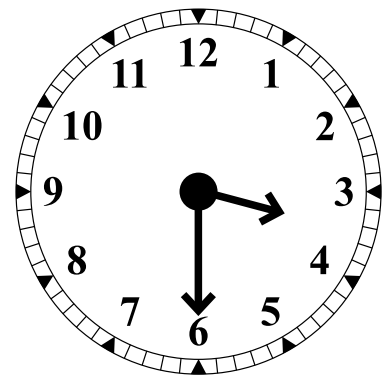
It's half-past .

2 Draw lines to match.



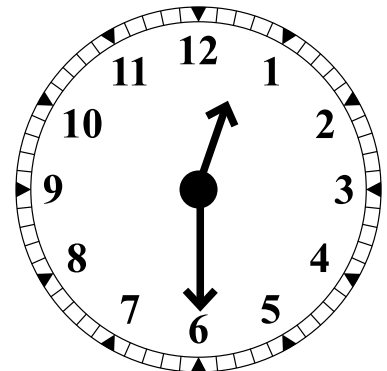
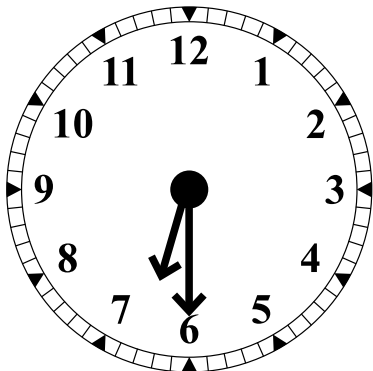
half-past 7

half-past 12



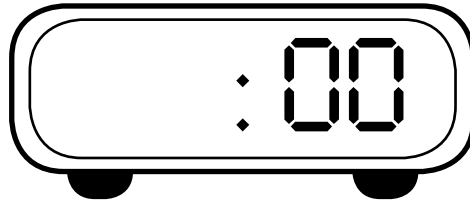
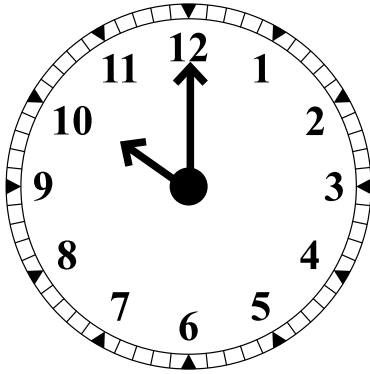
half-past 6

half-past 3

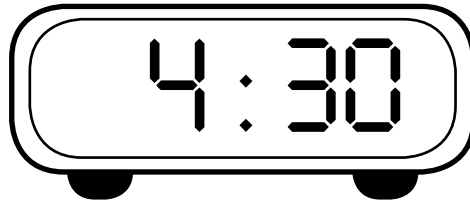
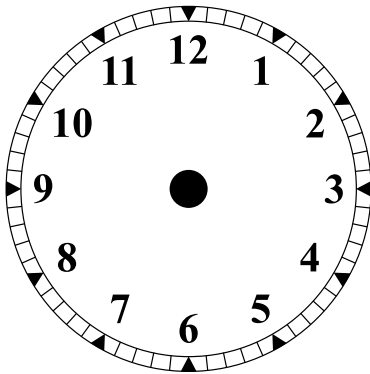


DIGITAL TIMES

1 What time is it?

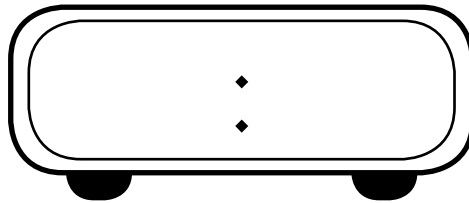


_____ o'clock

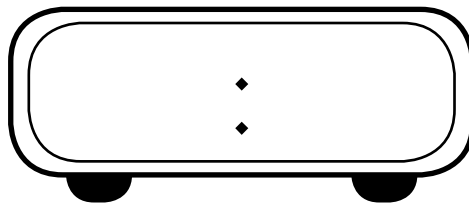


2 Write the time for:

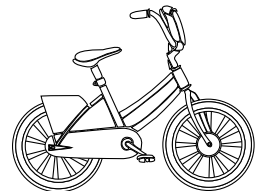
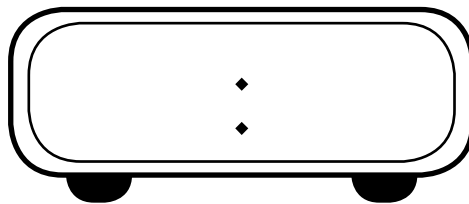
the start of school.



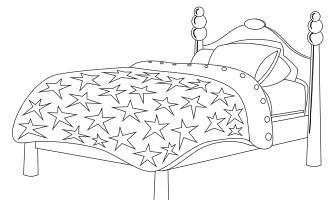
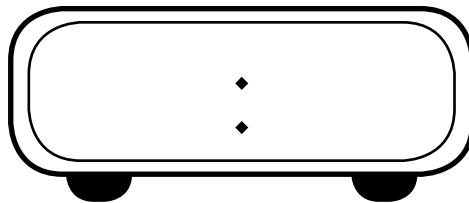
lunch.



going home.



bed.



QUARTERS

1 Read.

Waldo cut a square into quarters.

How could he have cut it?

2 Underline the question. 3 Circle the facts.

4 Solve the problem by drawing lines on these squares.



I found _____ ways to cut the square into quarters.

5 What other shapes can be cut into equal quarters? Explore different shapes to see which ones work and which ones don't.

FIND THE DIFFERENCE

1 Read.

The difference between Doc's two numbers is 4.

What could his numbers be?

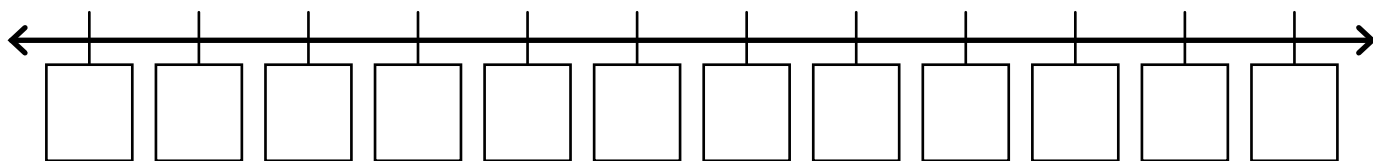
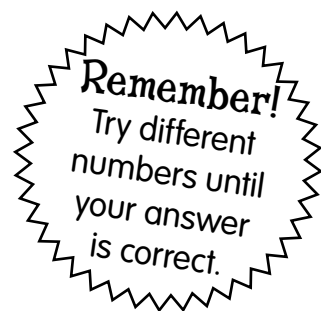
.....

2 Underline the question. 3 Circle the facts.

4 Have a guess! _____ and _____

5 Now check using a number line.
Count to find the difference.

.....



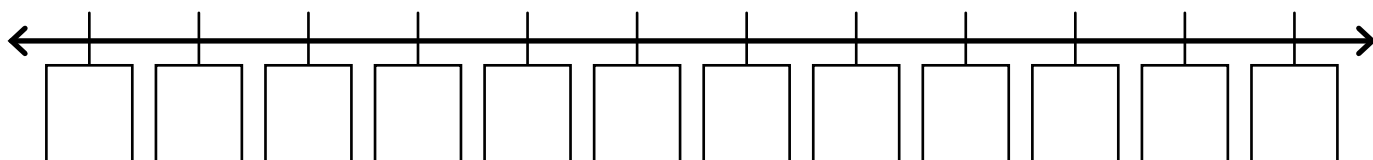
Doc's numbers could be _____ and _____ .

Or _____ and _____ . Or _____ and _____ .

Or _____ and _____ . Or _____ and _____ .

.....

6 Fill this number line with different numbers.



Doc's numbers could be _____ and _____ .

Or _____ and _____ . Or _____ and _____ .

TRAINS

1 Read.

A train arrives at every hour, and every half-past the hour. If the first train arrives at 6 o'clock in the morning, what time will Dizzy arrive if he is on the 4th train?



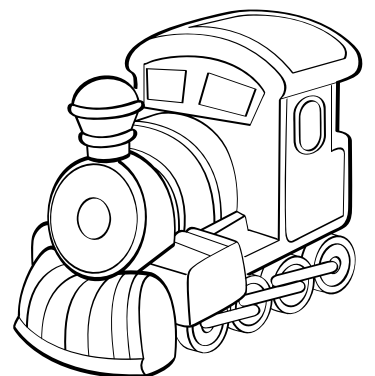
2 Underline the question. 3 Circle the facts.

4 Complete the table to help you solve the problem.

1st train	2nd train	3rd train	4th train

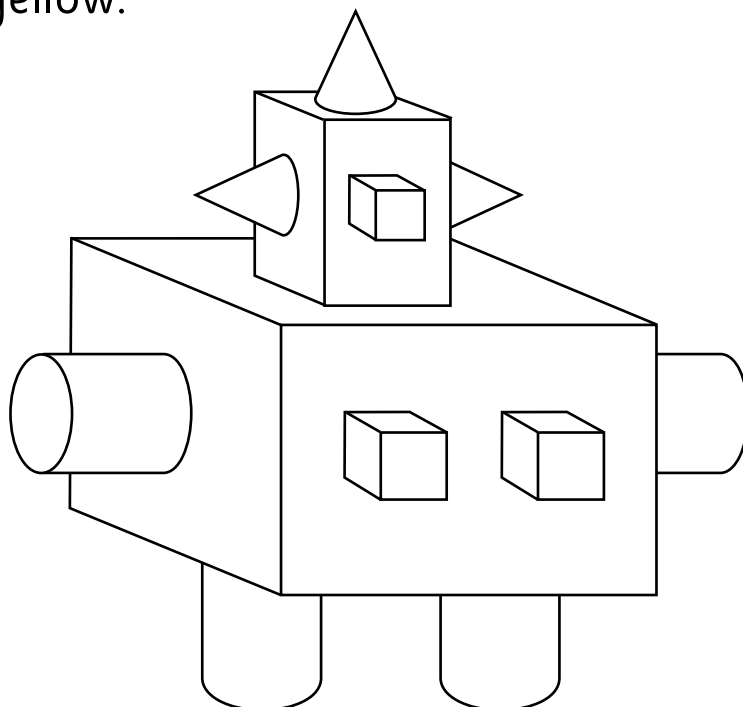
Dizzy will arrive at _____

5 Is there another strategy you could use to solve the problem?



COMPOSE 3D OBJECTS

- 1 Colour the cones red, the cubes blue, the cylinders green and the rectangular prisms yellow.



- 2 Compose a 3D object from boxes, cardboard rolls, balls, or any other objects you can find. Draw your constructed object here.

- 3 Colour the cones red, the cubes blue, the cylinders green and the rectangular prisms yellow.