

# SATs Survival: Year 2 Maths Revision

## Missing Number

Fill in the missing number:

$2 + 5 + 8 = \underline{\quad}$

$6 + 3 + 4 = \underline{\quad}$

$9 + 9 + 1 = \underline{\quad}$

$33 + 6 = \underline{\quad}$

$30 + 20 = \underline{\quad}$

$47 - 5 = \underline{\quad}$

$20 + \underline{\quad} = 40$

$90 - \underline{\quad} = 40$

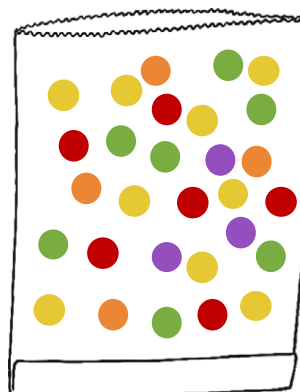
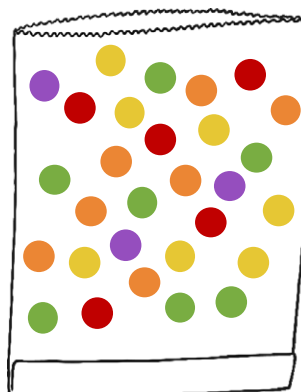
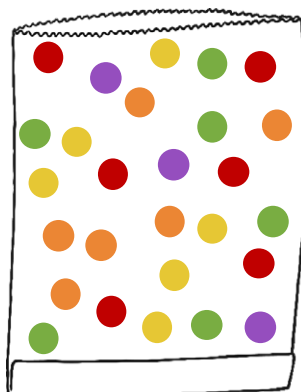
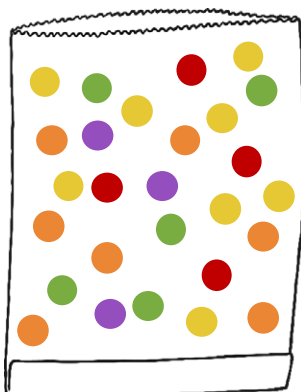
## Tally Chart

This tally chart shows the different colours in a bag of sweets. Fill in the missing boxes:

Colour	Tally	Number
red		4
green		5
orange		
yellow		8
purple		

Which bag shows the sweets in the tally chart?

Tick one.



## Interpreting Tally Charts

Which is the most common colour?

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Which is the least common colour?

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How many more yellow sweets are there than purple sweets?

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How many sweets are in the packet altogether?

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## Shapes

Which are correct?

- a. A cylinder has a curved face.
- b. A cylinder has four vertices.
- c. A cylinder has six faces.
- d. A cylinder has two circular faces.

Answer: \_\_\_\_\_

What Shape am I Thinking of?

I'm thinking of a 2D shape. It has 6 sides. It has 6 corners. What is my shape?

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I'm thinking of a 2D shape. It has 4 sides. It has 4 corners. What is my shape?

What else does Daisy need to tell us about her shape so we can be certain what it is?

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## Shape Sorting

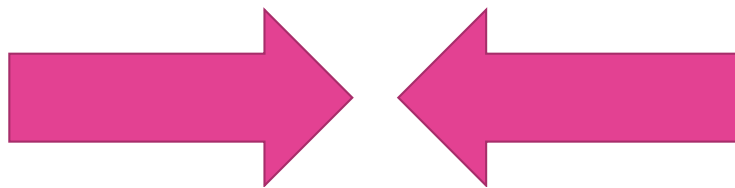
Sort these shapes into the Venn diagram:

at least one straight side      one curved side

The Venn diagram consists of two overlapping circles. The left circle is labeled 'at least one straight side' and the right circle is labeled 'one curved side'. Surrounding the Venn diagram are several light blue shapes: a triangle, a diamond, a right-angled triangle, a pentagon, a semi-circle, a circle, and a trapezium.

## Rotation

This arrow has been rotated clockwise. How far has the arrow been rotated?



1. quarter turn
2. half turn
3. three-quarter turn
4. full turn

Answer: \_\_\_\_\_

## Word Problems

Bruno the dog, has 23 biscuits in his treat box. His owner gives him 8. How many biscuits are left in the box?

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Priya bakes some cakes for the summer fair. She sells 14. She has 10 left over. How many cakes did she bake?

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There are 8 passengers on the bus. At the first stop, 3 more get on. At the second stop 2 more get on. How many passengers are on the bus now?

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There are 28 children in Class 2. At playtime, 12 children choose to play football. How many children do not play football?

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## Order

Put these jugs in order from least full to most full:

Least full

1. \_\_\_\_\_

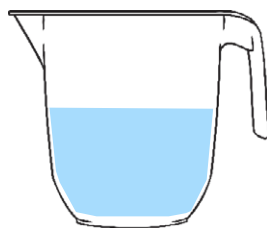
2. \_\_\_\_\_

3. \_\_\_\_\_

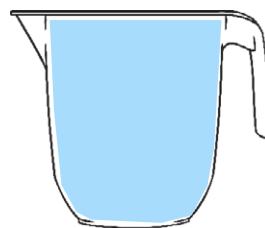
4. \_\_\_\_\_

5. \_\_\_\_\_

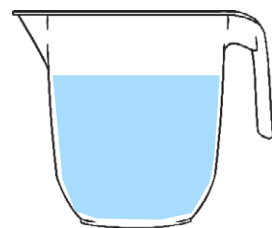
Most full



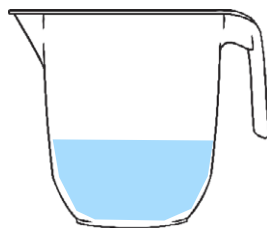
A



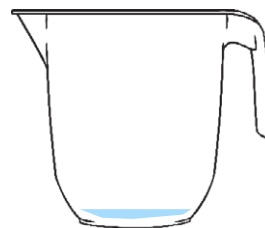
B



C



D

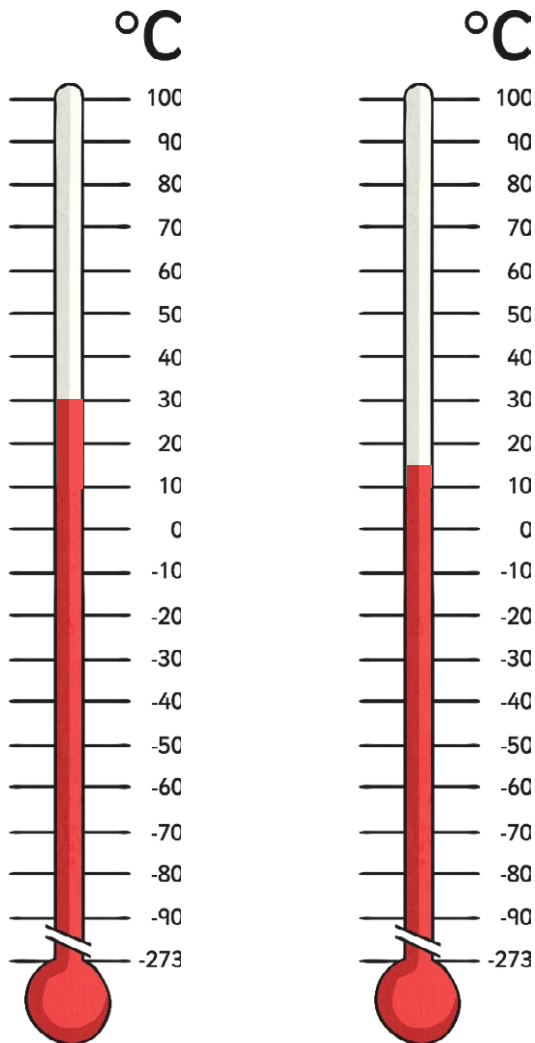


E

## Temperature

What is the temperature on the thermometers below?

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### Order

Order these times from shortest to longest:

half an hour

60 minutes

2 hours

45 minutes

shortest

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

longest

## Word Problems

Nate is doing a maths quiz. He starts the quiz at half past nine and finishes at 10 o'clock. It takes him 2 minutes to answer each question. How many questions does he answer?

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## Missing Number

Fill in the missing number:

$45 + 32 = \underline{\quad}$

$52 + 37 = \underline{\quad}$

$28 + 35 = \underline{\quad}$

Fill in the missing number:

$57 =$

$50 + \underline{\quad}$

$40 + \underline{\quad}$

$30 + \underline{\quad}$

$\underline{\quad} + 37$

$10 + \underline{\quad}$

# SATs Survival: Year 2 Maths Revision

## Answers

### Missing Number

Fill in the missing number:

$$2 + 5 + 8 = 15$$

$$6 + 3 + 4 = 13$$

$$9 + 9 + 1 = 19$$

$$33 + 6 = 39$$

$$30 + 20 = 50$$

$$47 - 50 = 42$$

$$20 + 20 = 40$$

$$90 - 50 = 40$$

### Tally Chart

This tally chart shows the different colours in a bag of sweets. Fill in the missing boxes:

Colour	Tally	Number
red		4
green		5
orange		7
yellow		8
purple		3

Which bag shows the sweets in the tally chart?

The first bag.

### Interpreting Tally Charts

Which is the most common colour?

yellow

Which is the least common colour?

purple

How many more yellow sweets are there than purple sweets?

5

How many sweets are in the packet altogether?

27

## Shapes

Which are correct?

1. A cylinder has a curved face.
2. A cylinder has four vertices.
3. A cylinder has six faces.
4. A cylinder has two circular faces.    **Answer:    1 and 4**

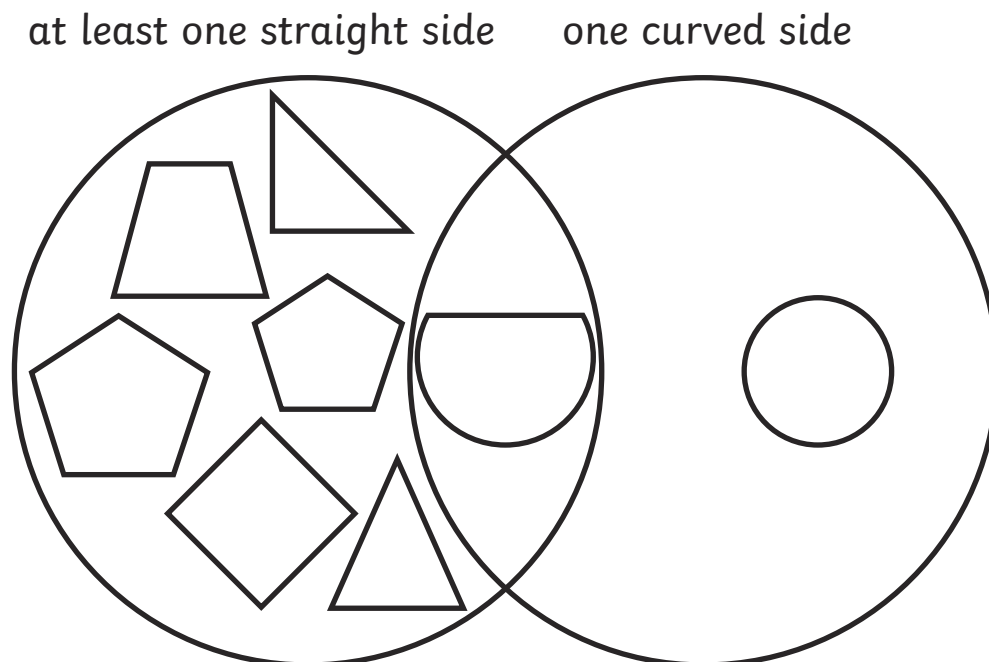
What Shape am I Thinking of?

I'm thinking of a 2D shape. It has 6 sides. It has 6 corners. What is my shape?  
**hexagon**

I'm thinking of a 2D shape. It has 4 sides. It has 4 corners. What is my shape?  
What else does Daisy need to tell us about her shape so we can be certain what it is?    **She needs to tell us whether the sides are the same length (square) or not (rectangle).**

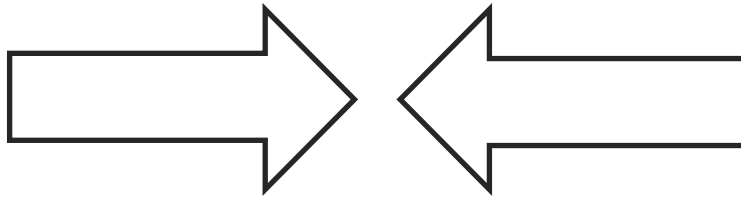
Shape Sorting

Sort these shapes into the Venn diagram:





## Rotation



This arrow has been rotated clockwise. How far has the arrow been rotated?

1. quarter turn
2. half turn
3. three-quarter turn
4. full turn

Answer: 2. half turn

## Word Problems

Bruno the dog, has 23 biscuits in his treat box. His owner gives him 8. How many biscuits are left in the box?

$$23 - 8 = 15 \text{ treats}$$

Priya bakes some cakes for the summer fair. She sells 14. She has 10 left over. How many cakes did she bake?

$$14 + 10 = 24 \text{ cakes}$$

There are 8 passengers on the bus. At the first stop, 3 more get on. At the second stop 2 more get on. How many passengers are on the bus now?

$$8 + 3 + 2 = 13 \text{ passengers}$$

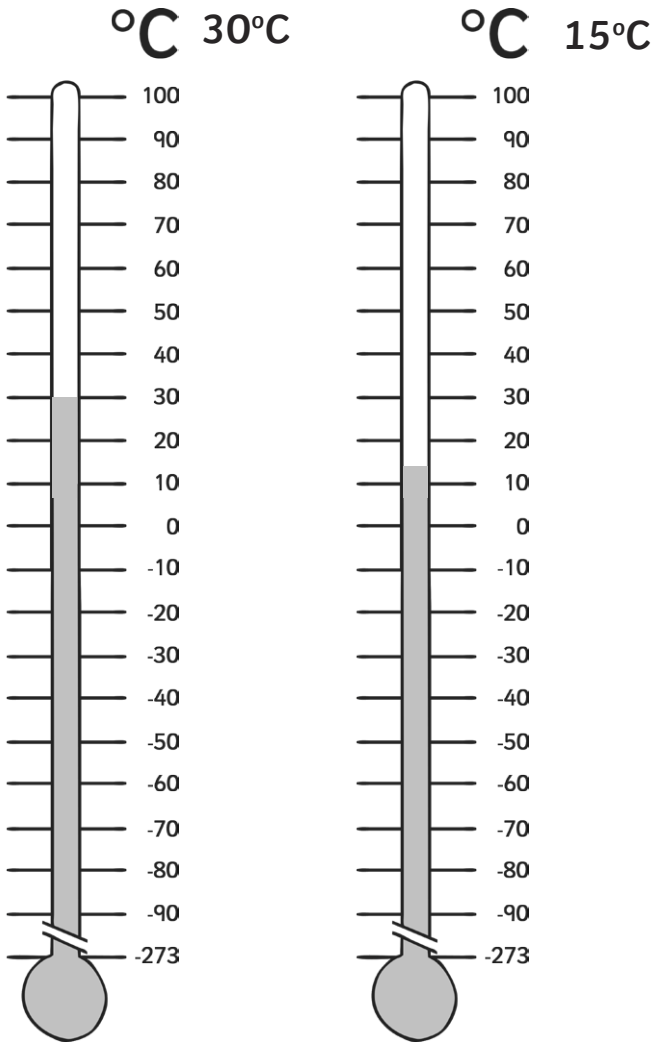
There are 28 children in Class 2. At playtime, 12 children choose to play football. How many children do not play football?

$$28 - 12 = 16 \text{ children}$$



## Temperature

What is the temperature on the thermometers below?



## Order

Order these times from shortest to longest:

half an hour

60 minutes

2 hours

45 minutes

shortest

1. half an hour

2. 45 minutes

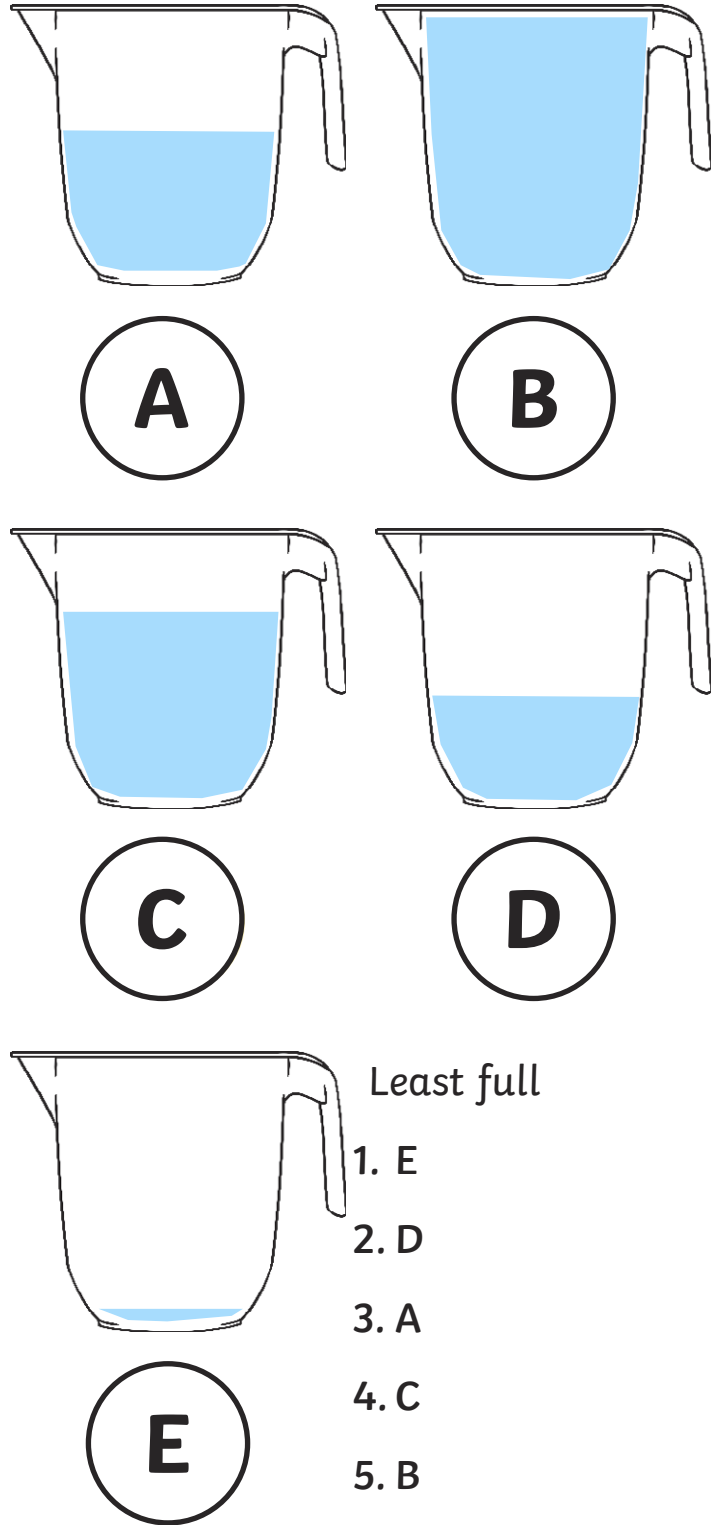
3. 60 minutes

4. 2 hours

longest

## Order

Put these jugs in order from least full to most full:



Least full

1. E

2. D

3. A

4. C

5. B

Most full

# SATs Survival: Year 2 Maths Revision Answers

## Word Problems

Nate is doing a maths quiz. He starts the quiz at half past nine and finishes at 10 o'clock. It takes him 2 minutes to answer each question. How many questions does he answer?

**Nate works for 30 minutes. If each question takes 2 minutes that means he answered 15 questions.  $15 \times 2 = 30$**

## Missing Number

Fill in the missing number:

$$45 + 32 = 77$$

$$52 + 37 = 89$$

$$28 + 35 = 63$$

Fill in the missing number:

$$57 =$$

$$50 + 7$$

$$40 + 17$$

$$30 + 27$$

$$20 + 37$$

$$10 + 47$$