

WEEK: 15

Week Beginning: (29/06/20)

Subject: MATHS

Year: 5

Lesson Objective:

- Be able to apply learning to reasoning SATs questions
- Progress Check: to identify areas of strengths and weaknesses

Class Worksheets

- 25 minutes Reasoning SATs assessment

Homework

- To complete corrections
- Short mental maths questions

Additional Notes

- All lesson worksheets and **homework for next week (due Week 16)** worksheets can be found below
- Week 14 homework will be marked in lesson hence make sure it is fully complete

Please print 2 a page or open this document during the lesson to save paper!

Assessment Questions:

2

What number is 1,000 **less** than 9,072?

1 mark

3

Order the numbers starting with the **largest**.
Match each number with its order.

1,009,909

1st

largest

1,023,065

2nd

1,009,099

3rd

1,230,650

4th

smallest

1 mark

5

The numbers in this sequence **increase** by 45 each time.

Write the missing numbers.

155 200 245

2 marks

6

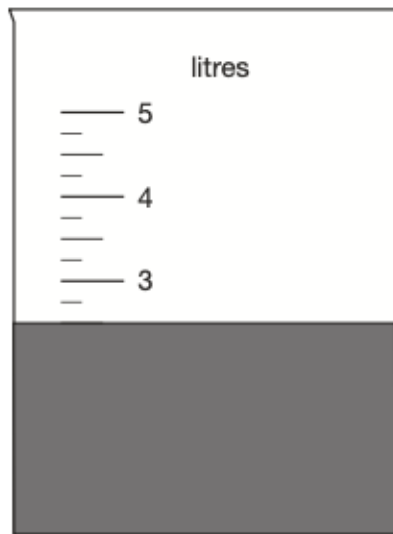
Write the missing number to make this **division** correct.

$$0.3 \div \boxed{} = 0.03$$

1 mark

7

Jack pours some dark paint into a container.



In litres, how much paint is in the container?

1 mark

9

Jack chose a number.

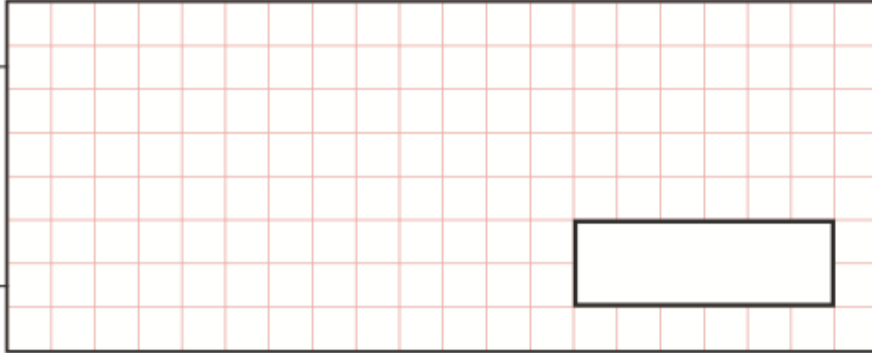
He multiplied the number by 7

Then he added 85

His answer was 953

What number did Jack choose?

Show
your
method



2 marks

12

Here are three symbols.

< > =

Write one symbol in each box to make the statements correct.

$$\frac{7}{10} \quad \square \quad 0.07$$

$$\frac{23}{1000} \quad \square \quad 0.23$$

1 mark

14

Complete the table.

	Round 39,476
to the nearest 10,000	
to the nearest 1,000	
to the nearest 100	

2 marks

15

Amina asked 60 children to choose their favourite flavour of jelly.

These were her results.

Flavour	Number of children
Raspberry	12
Lemon	8
Orange	15
Blackcurrant	25
Total	60

What **percentage** of the 60 children chose orange?
 %

1 mark

18

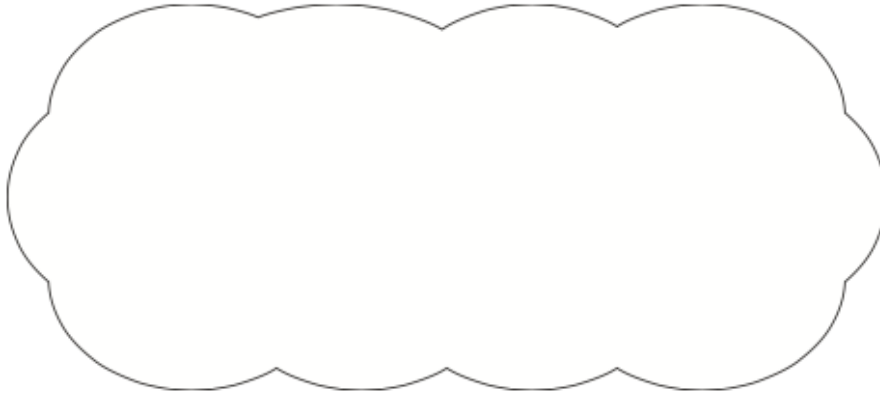
Circle the **prime** number.

95

89

87

Explain how you know the other numbers are **not** prime.



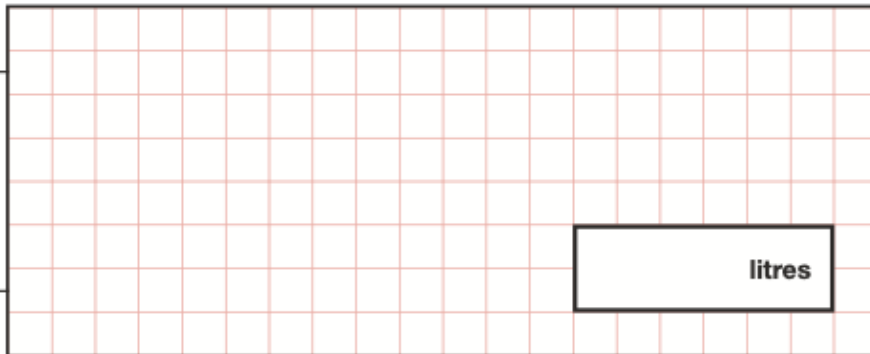
1 mark

19

A machine pours 250 millilitres of juice every 4 seconds.

How many **litres** of juice does the machine pour every **minute**?

Show
your
method



2 marks

20

Tick the fractions that are **equal** to 20%.

$$\frac{1}{20} \quad \square$$

$$\frac{20}{40} \quad \square$$

$$\frac{1}{5} \quad \square$$

$$\frac{3}{15} \quad \square$$

$$\frac{2}{100} \quad \square$$

2 marks

Homework Question:



Test 10

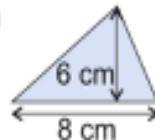
You have **10 minutes** to do this test. Work as quickly and accurately as you can.

1. How many lines of symmetry does the shape shown on the right have? Circle the correct option.

A 1 B 2 C 3 D 4 E 5



2. Find the area of the triangle in the diagram on the right.



not drawn accurately

cm²

3. If you buy a sandwich costing £1.35 and a drink costing 97p, how much will it cost in total? Circle the correct option.

A £4.14 B £3.29 C £4.26 D £2.32 E £4.42

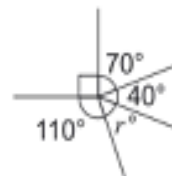
4. Look at the numbers below. If you write them in order from smallest to largest, which number will come second?

0.77 0.71 1.07 0.07 1.71 0.74

.

5. Look at the diagram on the right. What size is angle r ? Circle the correct option.

A 30° C 140° E 50°
B 70° D 10°

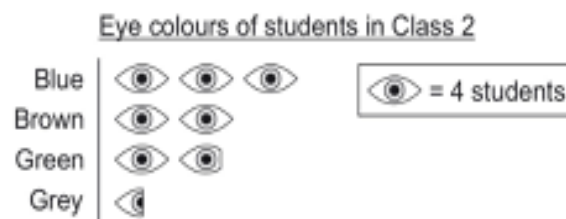


6. What is the mean of the data set below?

12 mm 5 mm 7 mm 13 mm 25 mm 4 mm

mm

7. Look at the pictogram on the right. How many more students in Class 2 have brown eyes than have grey eyes?



8. What number is 1567 greater than -212 ?

9. Which mixed number is equivalent to the fraction $\frac{29}{12}$? Circle the correct option.

- A $3\frac{1}{12}$ B $1\frac{11}{12}$ C $1\frac{6}{12}$ D $2\frac{5}{12}$ E $2\frac{11}{12}$

10. $1.67 \times 70 = 116.9$. What is 167×7 ?

11. What is 85% of 90?

12. $2.54 \text{ cm} = 1 \text{ inch}$. How many centimetres are there in 40 inches?
Circle the correct option.

- A 10.16 cm B 25.4 cm C 42.54 cm D 50.8 cm E 101.6 cm

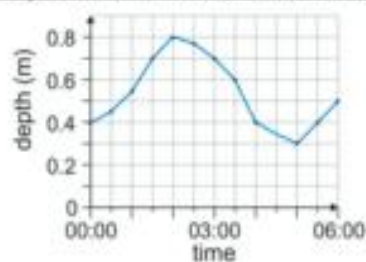
13. How many grams are there in $2\frac{1}{5}$ kilograms?

 g

14. Look at the line graph on the right.
For how long was the depth of the river below 0.4 m? Circle the correct option.

- A 1 hour D $2\frac{1}{2}$ hours
B $1\frac{1}{2}$ hours E 3 hours
C 2 hours

Depth of river between 00:00 and 06:00



15. A fence is 135 cm high. The height of the fence is increased by 20%.
What is the new height of the fence?

 cm

16. y is multiplied by 3, and 7 is added to the result.
Circle the expression below that shows this.

- A $3(y + 7)$ B $7(y + 3)$ C $3y + 7$ D $3y + 21$ E $21y$