

Name:

1)  $563 \times 5$



1 mark

2)  $0.8 \times 1000$



1 mark

3)  $\frac{1}{3}$  of 120



1 mark



7)  $15\% \times 1000$



1 mark

8)  $1/3 \div 4$



1 mark

9)  $3/5 \times 150$



1 mark

10)

1 8 7 1 3 5



2 marks

11) A bag of 5 lemons cost £1.

A bag of 4 oranges cost £1.80.

How much more does one orange cost than one lemon?

12) Two decimal numbers add together to equal 1. One of the numbers is 0.007. What is the other number?

13) Write the three missing digits to make this addition correct:

$$\begin{array}{r} 15\ \square \\ + 4\ \square\ 4 \\ \hline \square\ 15 \end{array}$$

14) Lara chooses a number less than 100.

She divides it by 3 and then subtracts 11.

She then divides this result by 2.

Her answer is 10.5

What was the number she started with?

15)  $5542 \div 17 = 326$

Explain how you can use this fact to find the answer to  $18 \times 326$ .

16) 6 small bricks have the same mass as 5 large bricks. The mass of one small brick is 2.5kg. What is the mass of one large brick?

17) Jacob cuts 4 metres of ribbon into three pieces.

The length of the first piece is 1.28 metres.

The length of the second piece is 1.65 metres.

Work out the length of the third piece.



21) 6 pencils cost £1.68.

3 pencils and 1 rubber cost £1.09.

What is the cost of 1 rubber?

22) A stack of 20 identical boxes is 140cm tall. Stefan takes three boxes off the top. How tall is the stack now?

23) On Saturday Lara read  $\frac{2}{5}$  of her book.

On Sunday she read the other 90 pages to finish the book.

How many pages are there in Lara's book?

24) A pack of paper has 150 sheets.

4 children each take 7 sheets.

How many sheets of paper are left in the packet?

25)  $421 \times 8$



1 mark

26)  $\frac{3}{4} \times 5$



1 mark

27)  $\frac{2}{5}$  of 660



1 mark

28)  $\frac{3}{5} - \frac{3}{10}$

1 mark

29)  $\frac{3}{4} \div 5$

1 mark

30)

2 5 | 7 6 2 5

2 marks

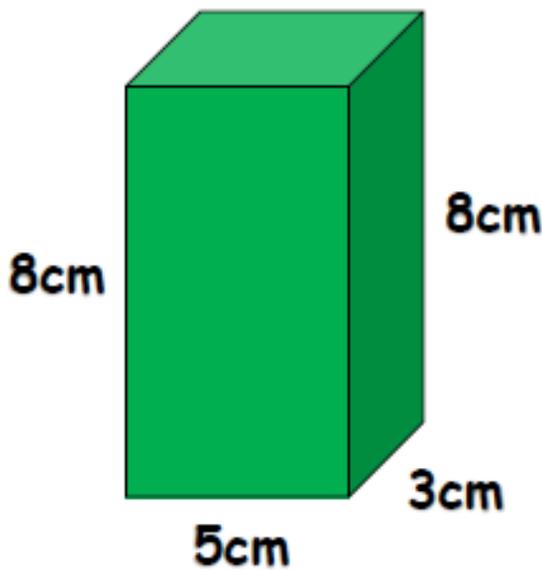
31) David says "The area of my square is 28cm squared."

Why is David incorrect?

32) Sarah is calculating the volume of this cuboid.

She has written the answer 960cm cubed.

Do you agree with Sarah?



33) An isosceles triangle has a perimeter of 20cm. One of its sides is 6cm long.

What could the other two lengths be? Explain your answer.

34) 7 is the first term in the sequence below.

7, 12, 17

What is the 7<sup>th</sup> term?

35) 7 pears and 1 banana cost 57p.

3 bananas, 1 pear and 2 apples cost 41p.

1 pear, 2 apples and 2 bananas cost 33p.

How much does 1 piece of fruit cost?

36) Nathan thinks of a number.

Rounded to the nearest 10 it equals 2250.

Rounded to the nearest 100 it equals 2300.

Rounded to the nearest 1000 it equals 2000.

What could Nathan's number be?