



7+ Mathematics Examination

Part A: Times tables (3 minutes)

Part B: Problem solving (30 minutes)

Candidate Name: _____

Part A

$8 \times 3 =$ _____	$8 \times 7 =$ _____	$5 \times 3 =$ _____	$6 \times 4 =$ _____	$11 \times 6 =$ _____
$4 \times 11 =$ _____	$3 \times 2 =$ _____	$3 \times 10 =$ _____	$10 \times 9 =$ _____	$1 \times 12 =$ _____
$3 \times 3 =$ _____	$11 \times 5 =$ _____	$11 \times 4 =$ _____	$12 \times 10 =$ _____	$8 \times 4 =$ _____
$1 \times 2 =$ _____	$4 \times 2 =$ _____	$3 \times 2 =$ _____	$9 \times 1 =$ _____	$3 \times 5 =$ _____
$4 \times 7 =$ _____	$11 \times 6 =$ _____	$11 \times 7 =$ _____	$5 \times 2 =$ _____	$12 \times 2 =$ _____
$4 \times 5 =$ _____	$11 \times 3 =$ _____	$8 \times 1 =$ _____	$5 \times 4 =$ _____	$5 \times 1 =$ _____
$5 \times 10 =$ _____	$12 \times 7 =$ _____	$1 \times 8 =$ _____	$11 \times 2 =$ _____	$8 \times 6 =$ _____
$12 \times 5 =$ _____	$2 \times 11 =$ _____	$8 \times 12 =$ _____	$10 \times 12 =$ _____	$9 \times 8 =$ _____
$11 \times 12 =$ _____	$10 \times 1 =$ _____	$2 \times 3 =$ _____	$8 \times 5 =$ _____	$11 \times 10 =$ _____
$3 \times 1 =$ _____	$4 \times 3 =$ _____	$4 \times 8 =$ _____	$7 \times 9 =$ _____	$3 \times 11 =$ _____
$6 \times 10 =$ _____	$11 \times 4 =$ _____	$12 \times 12 =$ _____	$3 \times 6 =$ _____	$12 \times 4 =$ _____
$8 \times 6 =$ _____	$7 \times 7 =$ _____	$8 \times 2 =$ _____	$7 \times 9 =$ _____	$8 \times 7 =$ _____
$5 \times 12 =$ _____	$2 \times 10 =$ _____	$9 \times 11 =$ _____	$11 \times 7 =$ _____	$4 \times 6 =$ _____
$6 \times 11 =$ _____	$6 \times 12 =$ _____	$8 \times 11 =$ _____	$5 \times 3 =$ _____	$10 \times 3 =$ _____
$10 \times 6 =$ _____	$10 \times 8 =$ _____	$10 \times 7 =$ _____	$9 \times 8 =$ _____	$12 \times 8 =$ _____
$5 \times 8 =$ _____	$3 \times 12 =$ _____	$2 \times 5 =$ _____	$3 \times 10 =$ _____	$2 \times 7 =$ _____
$6 \times 5 =$ _____	$7 \times 4 =$ _____	$1 \times 4 =$ _____	$11 \times 10 =$ _____	$8 \times 9 =$ _____
$12 \times 3 =$ _____	$10 \times 2 =$ _____	$4 \times 9 =$ _____	$7 \times 6 =$ _____	$11 \times 9 =$ _____
$3 \times 9 =$ _____	$4 \times 11 =$ _____	$6 \times 8 =$ _____	$4 \times 10 =$ _____	$2 \times 11 =$ _____

Part B

Write your answers on the line. Do any working out on the white space of the page.

1. $6 + 8 = \underline{\quad}$

2. $16 - 5 = \underline{\quad}$

3. $13 + 6 = \underline{\quad}$

4. $20 - 8 = \underline{\quad}$

5. $6 + 3 + 2 + 7 = \underline{\quad}$

6. $\frac{1}{2}$ of 14 = $\underline{\quad}$

7. $\underline{\quad} + 7 = 27$

8. $22 + 14 = 30 + \underline{\quad}$

9. $\underline{\quad} + 14 = 38$

10. $\underline{\quad} - 32 = 99$

11. $36 + \underline{\quad} = 100$

12. Round 85 to the nearest 10.

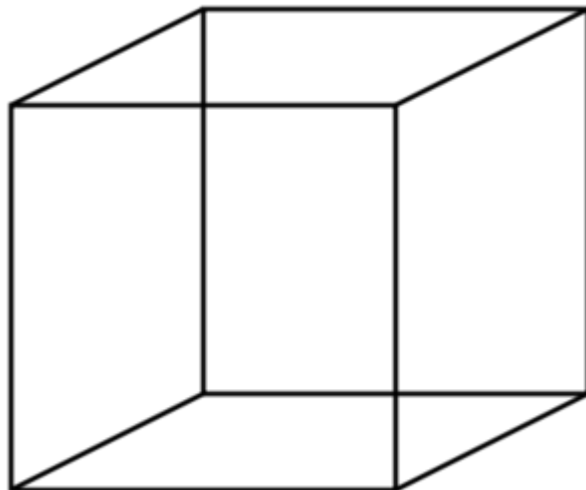
13. Fill in the missing symbol (<, > or =)

$$20 + 30 + 5 \text{ _____ } 45 + 10$$

14. Complete this number pattern:

22, 19, 16, 13, 10, _____, _____

15. Look at this cube. How many faces does it have?



It has _____ faces.

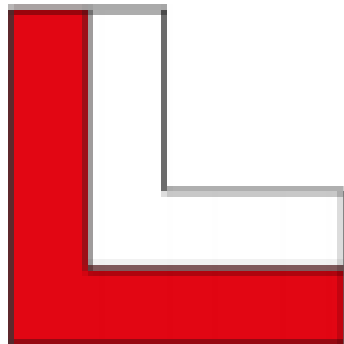
16. Hiba makes 10 cupcakes. She puts 4 chocolate buttons on each cupcake. How many chocolate buttons does she use?

Hiba uses _____ chocolate buttons.

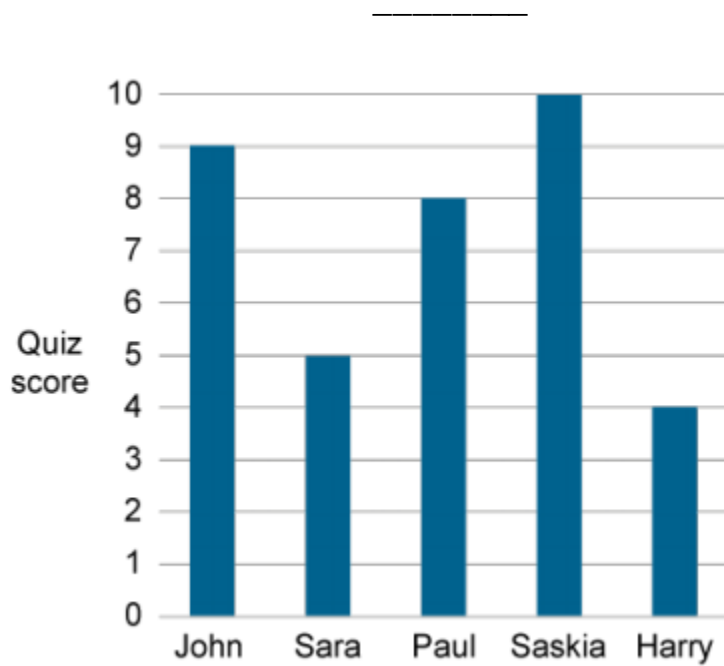
17. Yuri puts all 10 cupcakes into boxes. She puts 2 cupcakes in each box. How many boxes does she use?

Yuri uses _____ boxes.

18. True or false. Does this image show $\frac{1}{2}$ shaded?



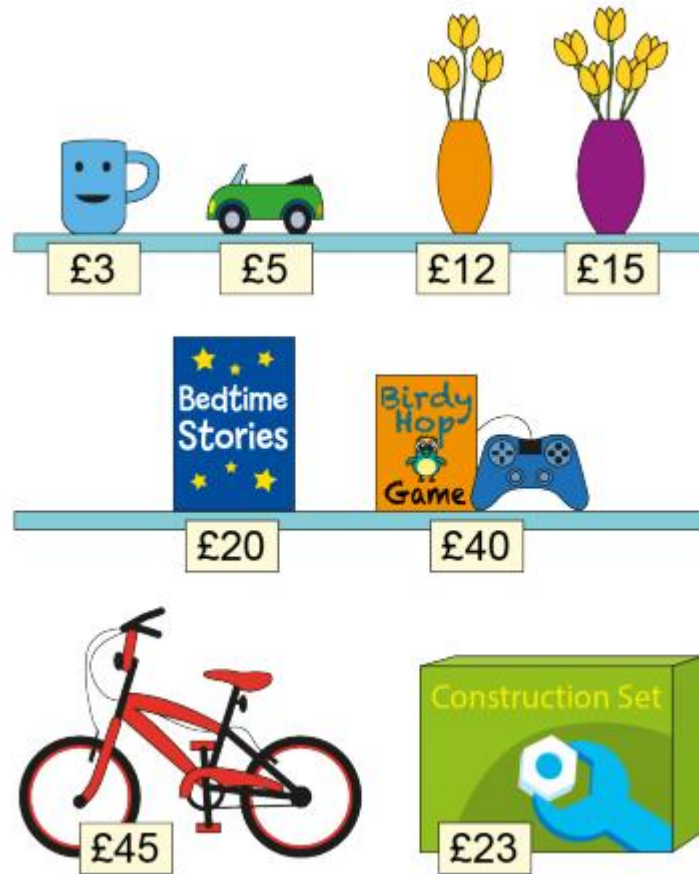
19. This bar chart shows the quiz scores of a group of children. How many fewer points did Harry score than Saskia?



20. Rachel is 90cm tall. Karim is 60cm tall. How much taller is Rachel than Karim?

Show your working out in this box

21. Luke spends £35 in the shop. Circle two items that he could buy.



22. A sunflower is 5m tall. Over the summer, it grew by another 73cm. How tall is the sunflower now? Give your answer in cm.

Show your working out in this box

23. A school has designed a brand-new playground. The playground is 34 metres wide. The length is 19 metres more than its width. How long is the playground? _____

Show your working out in this box

24. Yuri buys two apples and a banana for 77p. The two apples cost 29p each. What does the banana cost?

The banana costs _____

Show your working out in this box

25. A school is going on a Residential Trip. 162 girls are divided evenly between three coaches. The girls are not allowed to bring any sweets or electronic devices with them on the trip.

How many children are there on each coach? _____

Show your working out in this box

Now check through your answers.