# 11+ Maths — Benchmark Test

There are 36 questions in this test and it should take about 40 minutes. Write the answer to each question in the brackets at the end of the line. If there are a range of options, write the letter of the answer you have chosen. Use rough paper for your working.
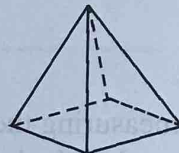
Section One

1. $30 + 90 =$ (____)

2. $110 - 60 =$ (____)

3. $9 \times 7 =$ (____)

4. Round 544 to the nearest 10.
   a 540   **b** 550   **c** 600   **d** 500   **e** 545 (____)

5. What fraction of this shape is shaded?
   a ¾   **b** ⅕   **c** ¼   **d** ⅓   **e** ⅙ (____)
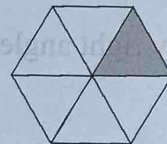
6. 2, 6, 10, 14, ____
   What is the next number in the sequence? (____)

7. How many faces does this shape have?
   a 3   **b** 4   **c** 5   **d** 6   **e** 7 (____)

8. How many centimetres are there in 3 metres?
   a 100   **b** 30   **c** 130   **d** 300   **e** 3000 (____)

9. A box contains 72 bananas. The bananas are shared equally between 6 people. How many bananas does each person get? (____)
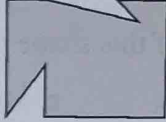
10. Which of these clocks shows a quarter to 8?
    a 8:15   **b** 7:15   **c** 8:45   **d** 7:35   **e** 7:45 (____)

11. Emmy feeds her dog 200 g of dog food each day.
   How much food would she give her dog in 4 days? (____ g)

12. Simon has 87 flowers in his garden. Simon's flowers are either red, blue or yellow. He has 29 red flowers and 34 blue flowers. How many yellow flowers does he have? (____)

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Section Two

1. $234 + 58 =$

    (___)

2. Which pair of numbers are both multiples of 9?

    a 63 and 56   **b** 78 and 92   **c** 54 and 66   **d** 45 and 72   **e** 81 and 68

    (___)

3. 23, 18, 13, 8, ___

    What is the next number in the sequence?

   **a** 2   **b** 3   **c** 1   **d** 0   **e** 4

    (___)

4. $84 \div 6 =$

    (___)

5. What is $^6/_{10}$ as a decimal?

    a 0.6   **b** 0.66   **c** 0.06   **d** 0.3   **e** 0.16

    (___)

6. $87 \times 4 =$

    (___)

7. How many right angles does this shape have?

    (___)

8. Olga ran a race which was 25 000 m.
    How many kilometres did she run?

    a 2.5 km   **b** 0.25 km   **c** 250 km   **d** 25 km   **e** 0.025 km

    (___)

9. Andy is measuring the width of a table. He works out that the width of the
    table is equal to the length of eight 15 cm rulers. How wide is the table?   (___ cm)

10. Class 4H went to the zoo and counted
    how many of each animal there were.

    They recorded their results in a bar chart.
   How many giraffes and lions were there
    altogether?

    (___)
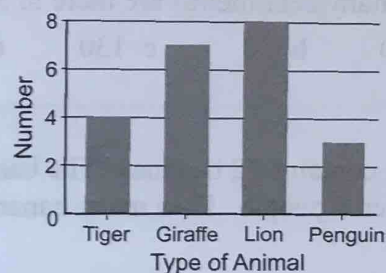
11. $^1/_3$ of hexagon **m** is shaded. Which of these
    hexagons has the same amount shaded?

    m   **a**   **b**   **c**   **d**   **e**

    (___)
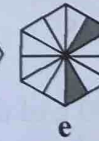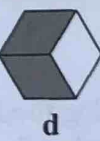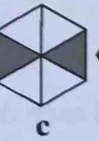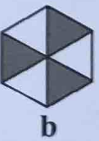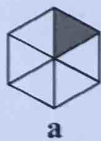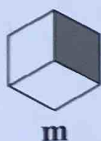
12. Jeanne arrives at hockey training at 5:35 pm. She plays hockey for 90 minutes.
    At what time does she finish playing hockey?

    a 6:55 pm   **b** 7:05 pm   **c** 7:15 pm   **d** 7:25 pm   **e** 7:45 pm

    (___)

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1. $7 - 4.7 =$ (_____)

2. Round 12 853 to the nearest 1000.
   a 12 000   **b** 12 900   **c** 12 850   **d** 13 000   **e** 10 000   (_____)

3. Which of these numbers has 8 and 6 as factors?
   a 48   **b** 36   **c** 42   **d** 32   **e** 56   (_____)

4. Jason wrote down the number of siblings each person in his class had.

   0, 1, 3, 4, 3, 2, 3, 4, 0, 1, 2, 3, 0
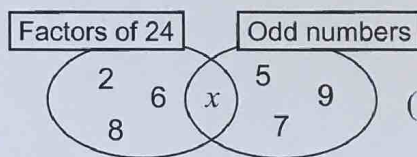
   What is the mean number of siblings?   (_____)

5. Which of these shapes is the same as shape **m**?
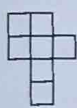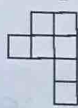
   m   **a**   **b**   **c**   **d**   **e**   (_____)

6. Each side of a regular hexagon is 17 cm long.
   What is the perimeter of the hexagon?   (_____ cm)

7. Which number could x represent?
   a 3   **b** 12   **c** 4   **d** 13   **e** 10

   (_____)

8. Phil has a jug which holds 1200 ml of water. He fills twenty-four
   10 ml test tubes from the jug. How much water is left in the jug?   (_____ ml)

9. Jacques has three bananas for every two oranges in his fruit bowl.
   He has 12 bananas. How many oranges does he have?   (_____)

10. It takes 30 seconds to pump 20 litres of petrol into a car.
    How long would it take to pump 60 litres into a car?
    a 1 minute and 45 seconds   **c** 1 minute and 50 seconds   **e** 3 minutes
    b 1 minute and 30 seconds   **d** 2 minutes and 30 seconds   (_____)

11. $(5 + 72) \div 7 =$ (_____)

12. If $a = 6$ and $b = 4$, what is $4a + 5b$?   (_____)

END OF TEST

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