

Trial and improvement using a calculator

1. Find the multiple of 45 that is closest to 8000



Show
your **method**.
You may get
a mark.

2. Two whole numbers are each **between 50 and 70**

They multiply to make 4095

Write in the missing numbers.



$$\boxed{} \times \boxed{} = 4095$$

3. 7.4 8.1 9.4 10

Which two of these numbers, when multiplied together, have the answer closest to 70?



and

4. ***m*** stands for a whole number greater than 10 and less than 20

n stands for a whole number greater than 2 and less than 10

What is the **smallest** number that ***m* × *n*** could be?



.....

What is the **largest** number that ***m* – *n*** could be?



.....

5. Write the **three prime numbers** which multiply to make **231**



$$\boxed{} \times \boxed{} \times \boxed{} = 231$$

6. The **same** number is missing from each box.

Write the **same** missing number in each box.



$$\boxed{} \times \boxed{} \times \boxed{} = 1331$$

7. The signs are missing from these number sentences.

Write in the missing signs, $+$ $-$ $\times$ or $\div$

The first has been done for you.



$$6 \quad \bigcirc \begin{array}{c} \times \\ \hline \end{array} \quad 5 = 40 \quad \bigcirc \begin{array}{c} - \\ \hline \end{array} \quad 10$$

$$20 \quad \bigcirc \quad 8 = 4 \quad \bigcirc \quad 7$$

$$21 \quad \bigcirc \quad 3 = 15 \quad \bigcirc \quad 8$$