

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 $m \times n$ could be?



.....

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




.....

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

 × × = **231**

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

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

 × × = **1331**

7. The signs are missing from these number sentences.

Write in the missing signs, + − × or ÷

The first has been done for you.



6 × **5** = **40** − **10**

20 **8** = **4** **7**

21 **3** = **15** **8**