

**2. TYPES OF NUMBER TEST**

1. For each type of number below, write out the first 5 numbers that are :  
(a) Odd numbers

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(b) Multiples of 4

.....

(c) Prime numbers

.....

(d) Square numbers

.....

(e) Factors of 100

.....

2. Work out the following, without the use of a calculator

(a)  $8^2$  .....

(c)  $\sqrt{25}$  .....

(b)  $4^3$  .....

(d)  $3^2 \times 10^2$  .....

3. Show 60 as a product of its prime factors.

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4. Find the LCM of 8 and 10

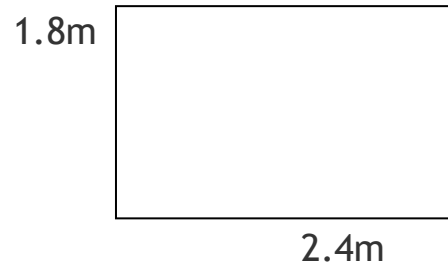
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5. Find the HCF of 30 and 45

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6. The diagram shows a simple kitchen floor plan. The kitchen has a width 1.8 metres and length 2.4 metres.



(a) Work out the **area** of the kitchen floor

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(b) Work out the **perimeter** of the kitchen floor

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.....  
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(c) The kitchen is to be **completely** covered **with square tiles**.

The tiles come in the following sizes

40cm x 40cm

60cm x 60cm

90cm x 90cm

Without cutting the tiles, which size would be best suited for this kitchen floor. Explain carefully your answer.

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