

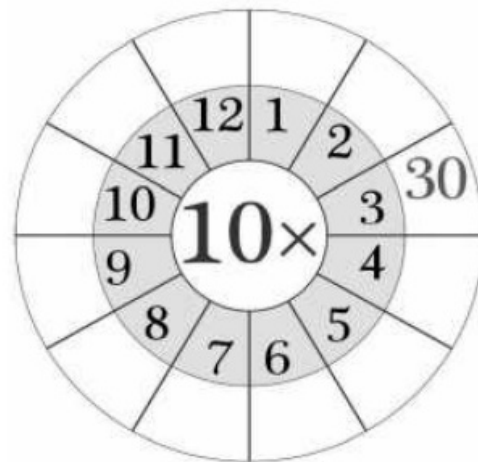
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Chapter 2 Section B : Multiply Numbers by 10 (2.B.1)

Objective: Use knowledge of place value to multiply whole numbers by 10.

- When we multiply any number by 10, we **shift** the digits one place to the **left** and we replace the ones with a 0.

Q1. Complete the chart below.



Q2. Find each **product** from the multiplication table of 10.

$$8 \times 10 = \underline{\hspace{2cm}} \quad 9 \times 10 = \underline{\hspace{2cm}} \quad 5 \times 10 = \underline{\hspace{2cm}}$$

$$7 \times 10 = \underline{\hspace{2cm}} \quad 3 \times 10 = \underline{\hspace{2cm}} \quad 11 \times 10 = \underline{\hspace{2cm}}$$

Q3. Fill in the blanks with the correct answer.

a) How many tens are there in 50? _____

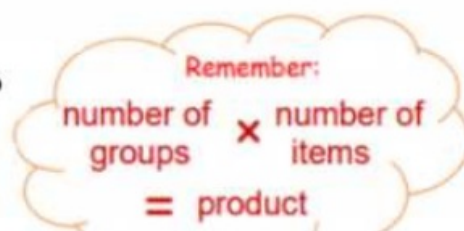
b) How many tens are there in 80? _____

c) How many tens are there in 120? _____

d) How many tens are there in 100? _____

Q4. There are 10 pencils in a pencil case.

How many pencils are there in 3 pencil cases?



_____ pencils

Q5. Answer the following with "true" or "false".

a) The **product** of multiplying any **whole** number by 10 will have a zero in the ones place. _____

b) In multiplication, we can switch the order of the factors and still have the same product such as 10×1 and 1×10 . _____

Q6. The cost of some items is shown in the table below.

| Item | towel | comb | toothbrush |
|------|-------|------|------------|
| Cost | \$15 | \$4 | \$2 |

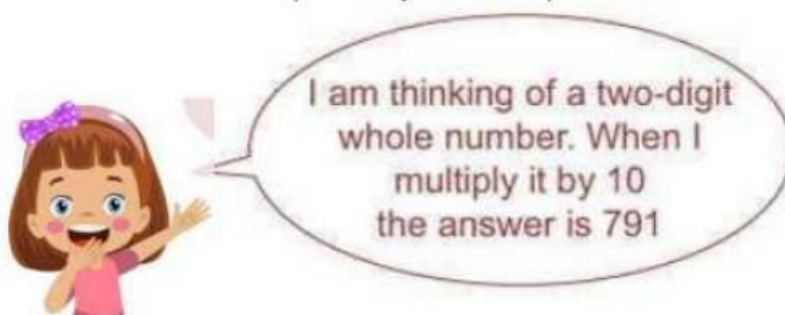
Sam bought **10 towels**, **10 toothbrushes** and **10 combs**.

How much did he spend **altogether**? \$_____

Q7. Write the missing numbers in the two empty boxes.

$$\begin{array}{ccc} \boxed{36} & \xrightarrow{\times 10} & \boxed{} \\ \boxed{} & \xrightarrow{\times 10} & \boxed{840} \end{array}$$

Q8. Read what Yasmin says. Explain why she must be incorrect.



Q9. Multiply and write the **product**.

$1 \times 10 = \underline{\hspace{2cm}}$

$88 \times 10 = \underline{\hspace{2cm}}$

$12 \times 10 = \underline{\hspace{2cm}}$

$7 \times 10 = \underline{\hspace{2cm}}$

$34 \times 10 = \underline{\hspace{2cm}}$

$19 \times 10 = \underline{\hspace{2cm}}$

$3 \times 10 = \underline{\hspace{2cm}}$

$10 \times 10 = \underline{\hspace{2cm}}$

$56 \times 10 = \underline{\hspace{2cm}}$

$0 \times 10 = \underline{\hspace{2cm}}$

Q10. Fill in the missing numbers.

a) _____ $\times 10 = 760$

b) $840 = 84 \times$ _____

c) one hundred and ten = _____

Q11. Sandy wants to buy 20 pieces of chocolate.

Each piece costs 10 cents.

How much money does she need to buy the chocolates?

number of groups \times number of
items = product

_____cents

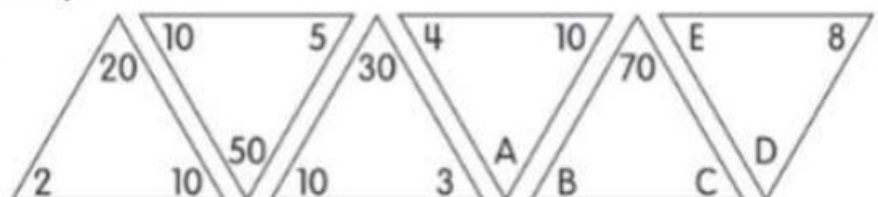
Q12. Fadi has 10 bags, inside each bag he puts 5 toys.

How many toys will he have in **all** the bags?

_____toys

Q13. The numbers make a pattern.

Complete the pattern.



A=_____ B=_____ C=_____ D=_____