

Class: 2nd
Sub: Maths

Term I

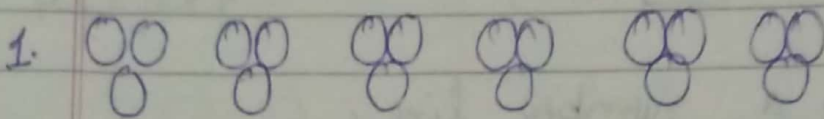
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Date _____
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Study Material

- Topics:
1. Multiplication
 2. Shapes Around Us.
 3. Time

Multiplication

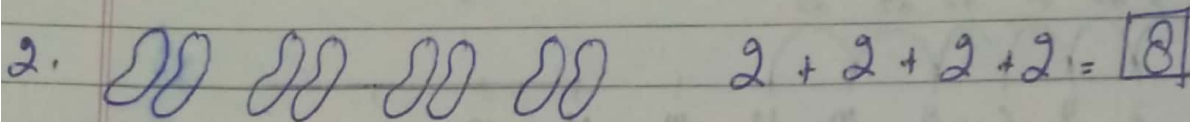
Ex: 51

Complete the following statements by filling in the blanks:

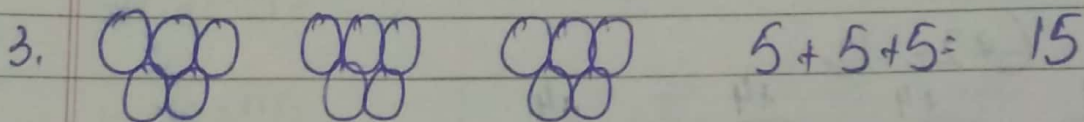


$$3 + 3 + 3 + 3 + 3 + 3 = 18$$

⑥ groups of ③ each is $\boxed{18}$.



④ groups of ② each is $\boxed{8}$.



③ groups of ⑤ each is $\boxed{15}$.

Ex: 5.2

Q1. Write the multiplication facts for each of the following repeated additions.

a) $3 + 3 + 3 + 3 = \boxed{12}$ $4 \times 3 = 12$

b) $4 + 4 + 4 = \boxed{12}$ $3 \times 4 = 12$

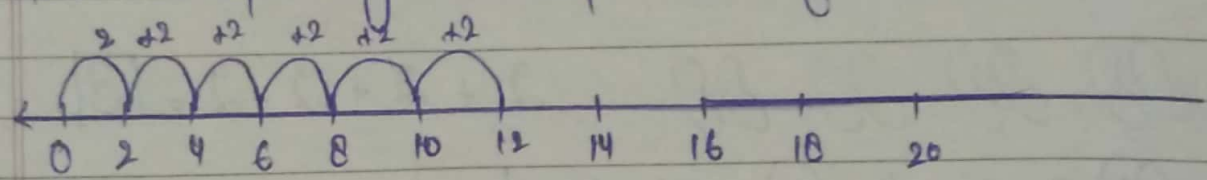
c) $2 + 2 + 2 + 2 + 2 = \boxed{10}$ $5 \times 2 = 10$

d) $5 + 5 + 5 + 5 = \boxed{20}$ $4 \times 5 = 20$

e) $6 + 6 + 6 + 6 = \boxed{24}$ $4 \times 6 = 24$

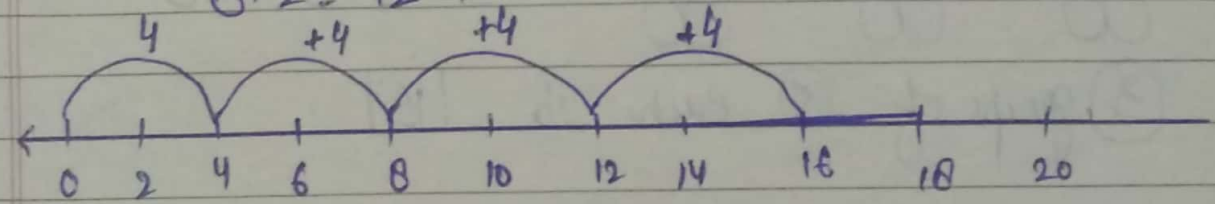
Q2. Multiplication on a number line.

See the jumps on number line and observe the corresponding multiplication facts:



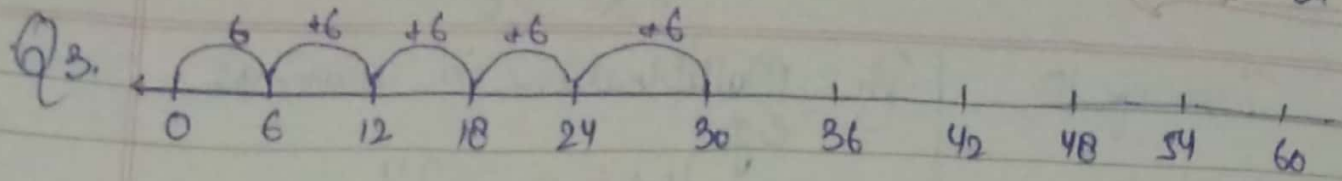
6 jumps of 2 is 12.

$$6 \times 2 = 12$$



4 jumps of 4 is 16

$$4 \times 4 = 16$$



5 jumps of 6 is 30

$$5 \times 6 = 30$$

Multiplication Tables (6 to 10)

Table of 6	Table of 7	Table of 8	Table of 9
$6 \times 1 = 6$	$7 \times 1 = 7$	$8 \times 1 = 8$	$9 \times 1 = 9$
$6 \times 2 = 12$	$7 \times 2 = 14$	$8 \times 2 = 16$	$9 \times 2 = 18$
$6 \times 3 = 18$	$7 \times 3 = 21$	$8 \times 3 = 24$	$9 \times 3 = 27$
$6 \times 4 = 24$	$7 \times 4 = 28$	$8 \times 4 = 32$	$9 \times 4 = 36$
$6 \times 5 = 30$	$7 \times 5 = 35$	$8 \times 5 = 40$	$9 \times 5 = 45$
$6 \times 6 = 36$	$7 \times 6 = 42$	$8 \times 6 = 48$	$9 \times 6 = 54$
$6 \times 7 = 42$	$7 \times 7 = 49$	$8 \times 7 = 56$	$9 \times 7 = 63$
$6 \times 8 = 48$	$7 \times 8 = 56$	$8 \times 8 = 64$	$9 \times 8 = 72$
$6 \times 9 = 54$	$7 \times 9 = 63$	$8 \times 9 = 72$	$9 \times 9 = 81$
$6 \times 10 = 60$	$7 \times 10 = 70$	$8 \times 10 = 80$	$9 \times 10 = 90$

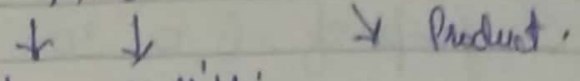
Ex: 5.6

Table of 10

- $10 \times 1 = 10$
- $10 \times 2 = 20$
- $10 \times 3 = 30$
- $10 \times 4 = 40$
- $10 \times 5 = 50$
- $10 \times 6 = 60$
- $10 \times 7 = 70$
- $10 \times 8 = 80$
- $10 \times 9 = 90$
- $10 \times 10 = 100$

Q1. Multiplication in columns:

eg, $4 \times 6 = 24$



Multiplicand Multiplier

$$\begin{array}{r}
 1. \quad T \quad 0 \\
 \quad \quad \quad 8 \\
 \times \quad \quad 6 \\
 \hline
 \quad 4 \quad 8
 \end{array}$$

$$\begin{array}{r}
 4. \quad T \quad 0 \\
 \quad \quad \quad 9 \\
 \times \quad \quad 6 \\
 \hline
 \quad 5 \quad 4
 \end{array}$$

$$\begin{array}{r}
 2. \quad T \quad 0 \\
 \quad \quad \quad 5 \\
 \times \quad \quad 7 \\
 \hline
 \quad 3 \quad 5
 \end{array}$$

$$\begin{array}{r}
 5. \quad T \quad 0 \\
 \quad \quad \quad 6 \\
 \times \quad \quad 3 \\
 \hline
 \quad 1 \quad 8
 \end{array}$$

$$\begin{array}{r}
 3. \quad T \quad 0 \\
 \quad \quad \quad 6 \\
 \times \quad \quad 7 \\
 \hline
 \quad 4 \quad 2
 \end{array}$$

Ex: 5.4

Find the Product:

1. $4 \times 6 = \boxed{24}$

4. $5 \times 3 = \boxed{15}$

2. $8 \times 7 = \boxed{56}$

5. $7 \times 10 = \boxed{70}$

3. $6 \times 5 = \boxed{30}$

6. $2 \times 9 = \boxed{18}$