A TIMES TABLES

A.1 CALCULATING USING THE TIMES TABLE

$4 \times 0 = 0$
$4 \times 1 = 4$
$4 \times 2 = 8$
$4 \times 3 = 12$
$4 \times 4 = 16$
Ex 1: Given the time table of 4 $4 \times 5 = 20$,
$4 \times 6 = 24$
$4 \times 7 = 28$
$4 \times 8 = 32$
$4 \times 9 = 36$
$4 \times 10 = 40$

calculate $4 \times 9 = \boxed{36}$

Answer: In the time table of 4, we find

$$4 \times 9 = 36$$

$8 \times 0 = 0$
$8 \times 1 = 8$
$8 \times 2 = 16$
$8 \times 3 = 24$
$8 \times 4 = 32$
Ex 2: Given the times table of 8 $8 \times 5 = 40$,
$8 \times 6 = 48$
$8 \times 7 = 56$
$8 \times 8 = 64$
$8 \times 9 = 72$
$8 \times 10 = 80$

calculate $8 \times 7 = \boxed{56}$

Answer: In the times table of 8, we find

$$8 \times 7 = 56$$

$7 \times 0 = 0$
$7 \times 1 = 7$
$7 \times 2 = 14$
$7 \times 3 = 21$
$7 \times 4 = 28$
Ex 3: Given the times table of 7 $7 \times 5 = 35$,
$7 \times 6 = 42$
$7 \times 7 = 49$
$7 \times 8 = 56$
$7 \times 9 = 63$
$7 \times 10 = 70$

calculate $7 \times 6 = \boxed{42}$

Answer: In the times table of 7, we find

$$7 \times 6 = 42$$

$7 \times 0 = 0$
$7 \times 1 = 7$
$7 \times 2 = 14$
$7 \times 3 = 21$
$7 \times 4 = 28$
Ex 4: Given the times table of 7 $7 \times 5 = 35$,
$7 \times 6 = 42$
$7 \times 7 = 49$
$7 \times 8 = 56$
$7 \times 9 = 63$
$7 \times 10 = 70$

calculate $7 \times 6 = \boxed{42}$

Answer: In the times table of 7, we find

$$7 \times 6 = 42$$

$4 \times 0 = 0$
$4 \times 1 = 4$
$4 \times 2 = 8$
$4 \times 3 = 12$
$4 \times 4 = 16$
Ex 5: Given the times table of 4 $4 \times 5 = 20$,
$4 \times 6 = 24$
$4 \times 7 = 28$
$4 \times 8 = 32$
$4 \times 9 = 36$
$4 \times 10 = 40$

calculate $4 \times 7 = \boxed{28}$

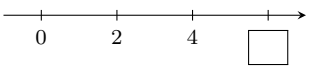
Answer: In the times table of 4, we find

$$4 \times 7 = 28$$

B TIMES TABLE OF 2

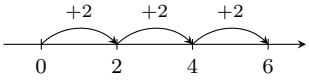
B.1 COUNTING BY 2S USING A NUMBER LINE

Ex 6:



The missing number is $\boxed{6}$.

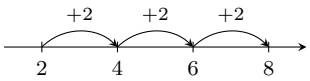
Answer: The missing number is 6.



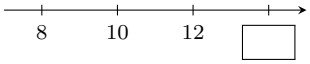
Ex 7:

The missing number is $\boxed{8}$.

Answer: The missing number is 8.

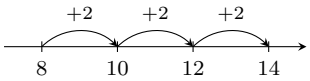


Ex 8:

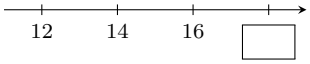


The missing number is $\boxed{14}$.

Answer: The missing number is 14.

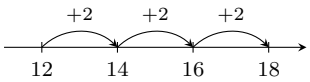


Ex 9:



The missing number is $\boxed{18}$.

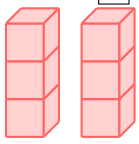
Answer: The missing number is 18.



B.2 MULTIPLYING BY 2 USING CUBES

Ex 10:

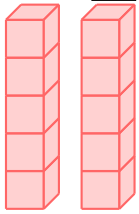
$2 \times 3 = \boxed{6}$



Answer: $2 \times 3 = 3 + 3$
$= 6$

Ex 11:

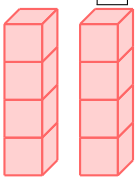
$2 \times 5 = \boxed{10}$



Answer: $2 \times 5 = 5 + 5$
$= 10$

Ex 12:

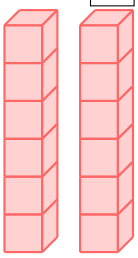
$2 \times 4 = \boxed{8}$



Answer: $2 \times 4 = 4 + 4$
$= 8$

Ex 13:

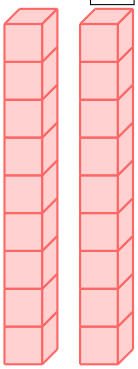
$2 \times 6 = \boxed{12}$



Answer: $2 \times 6 = 6 + 6$
$= 12$

Ex 14:

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

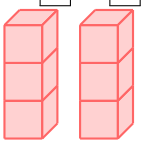


Answer: $2 \times 9 = 9 + 9$
$= 18$

B.3 MULTIPLYING BY 2 USING CUBES

Ex 15:

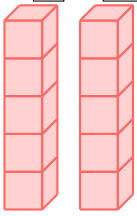
$2\times \boxed{3} = \boxed{6}$



Answer: $2 \times 3 = 3 + 3$
$= 6$

Ex 16:

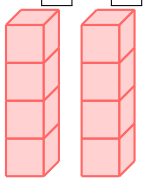
$2\times \boxed{5} = \boxed{10}$



Answer: $2 \times 5 = 5 + 5$
$= 10$

Ex 17:

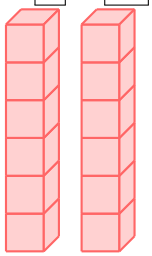
$2\times \boxed{4} = \boxed{8}$



Answer: $2 \times 4 = 4 + 4$
$= 8$

Ex 18:

$2\times \boxed{6} = \boxed{12}$

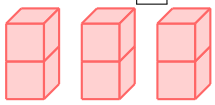


Answer: $2 \times 6 = 6 + 6$
$= 12$

B.4 MULTIPLYING BY 2 USING CUBES

Ex 19:

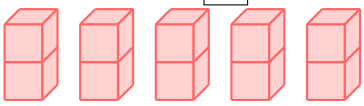
$3 \times 2 = \boxed{6}$



Answer: $3 \times 2 = 2 \times 3$
$= 3 + 3$
$= 6$

Ex 20:

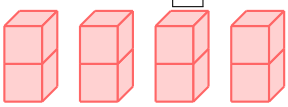
$5 \times 2 = \boxed{10}$



Answer: $5 \times 2 = 2 \times 5$
$= 5 + 5$
$= 10$

Ex 21:

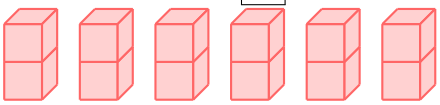
$4 \times 2 = \boxed{8}$



Answer: $4 \times 2 = 2 \times 4$
$= 4 + 4$
$= 8$

Ex 22:

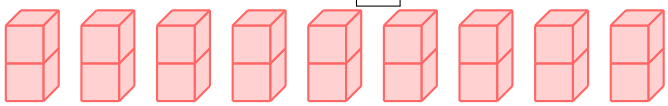
$6 \times 2 = \boxed{12}$



Answer: $6 \times 2 = 2 \times 6$
$= 6 + 6$
$= 12$

Ex 23:

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



Answer: $9 \times 2 = 2 \times 9$
$= 9 + 9$
$= 18$

B.5 CALCULATING 2 TIMES

Ex 24: $2 \times 1 = \boxed{2}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 1 = 2$

Ex 25: $2 \times 0 = \boxed{0}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 0 = 0$

Ex 26: $2 \times 3 = \boxed{6}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 3 = 6$

Ex 27: $2 \times 2 = \boxed{4}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 2 = 4$

Ex 28: $2 \times 5 = \boxed{10}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 5 = 10$

Ex 29: $2 \times 4 = \boxed{8}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 4 = 8$

Ex 30: $2 \times 7 = \boxed{14}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 7 = 14$

Ex 31: $2 \times 6 = \boxed{12}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 6 = 12$

Ex 32: $2 \times 8 = \boxed{16}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 8 = 16$

Ex 33: $2 \times 10 = \boxed{20}$

Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 10 = 20$

Ex 34: $2 \times 9 = \boxed{18}$

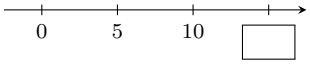
Answer:

- $2 \times 0 = 0$
  $2 \times 1 = 2$
  $2 \times 2 = 4$
  $2 \times 3 = 6$
  $2 \times 4 = 8$
  $2 \times 5 = 10$
  $2 \times 6 = 12$
  $2 \times 7 = 14$
  $2 \times 8 = 16$
  $2 \times 9 = 18$
  $2 \times 10 = 20$
- $2 \times 9 = 18$

C TIMES TABLE OF 5

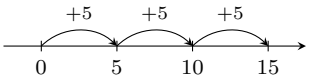
C.1 COUNTING BY 5S USING A NUMBER LINE

Ex 35:

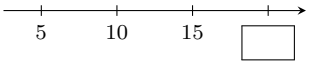


The missing number is $\boxed{15}$.

Answer: The missing number is 15.

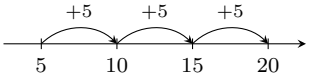


Ex 36:

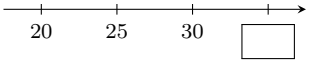


The missing number is $\boxed{20}$.

Answer: The missing number is 20.

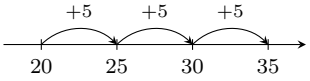


Ex 37:

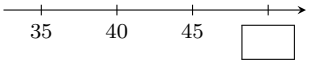


The missing number is $\boxed{35}$.

Answer: The missing number is 35.

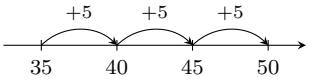


Ex 38:



The missing number is $\boxed{50}$.

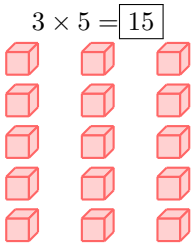
Answer: The missing number is 50.



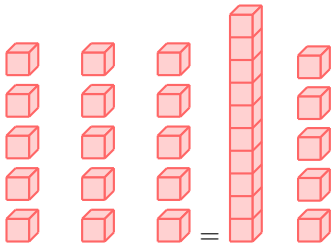
C.2 MULTIPLYING BY 5 USING CUBES

Ex 39:

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



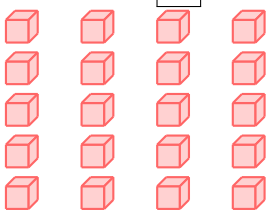
Answer:

- 

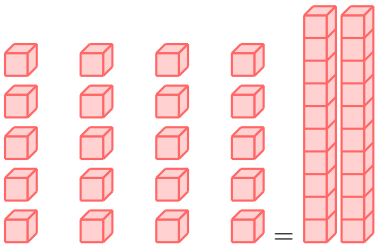
- $3 \times 5 = 5 + 5 + 5$
  $= 10 + 5$
  $= 15$

Ex 40:

$4 \times 5 = \boxed{20}$

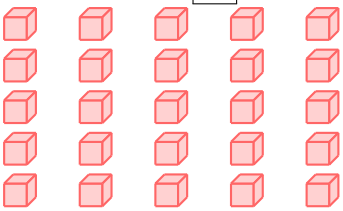


Answer:

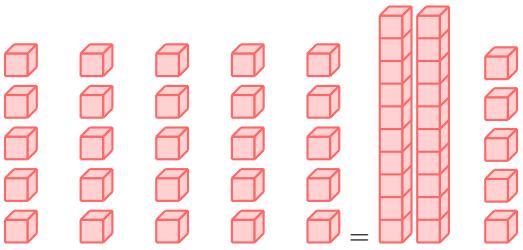
- 
- $4 \times 5 = 5 + 5 + 5 + 5$
  $= 10 + 10$
  $= 20$

Ex 41:

$5 \times 5 = \boxed{25}$

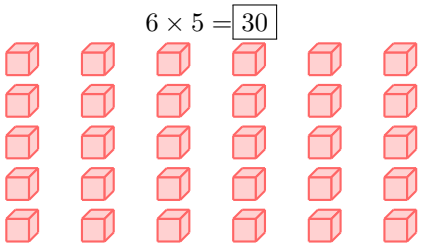


Answer:

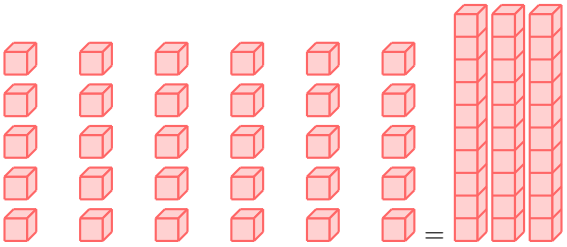
- 
- $5 \times 5 = 5 + 5 + 5 + 5 + 5$
  $= 10 + 10 + 5$
  $= 25$

Ex 42:

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



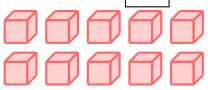
Answer:

- 
- $6 \times 5 = 5 + 5 + 5 + 5 + 5 + 5$
  $= 10 + 10 + 10$
  $= 30$

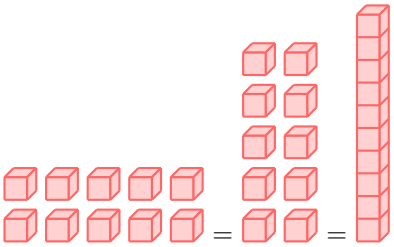
C.3 MULTIPLYING BY 5 USING CUBES

Ex 43:

$5 \times 2 = \boxed{10}$

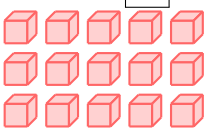


Answer:

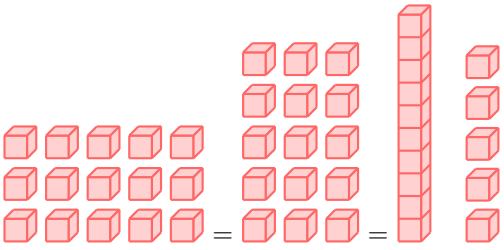
- 
- $5 \times 2 = 2 \times 5$
  $= 5 + 5$
  $= 10$

Ex 44:

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

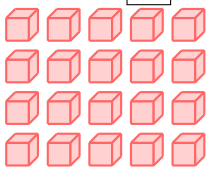


Answer:

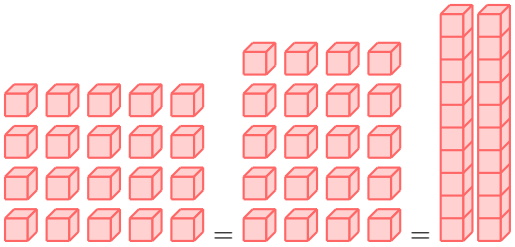
- 
- $5 \times 3 = 3 \times 5$
  $= 5 + 5 + 5$
  $= 10 + 5$
  $= 15$

Ex 45:

$5 \times 4 = \boxed{20}$



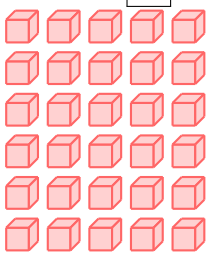
Answer:

- 

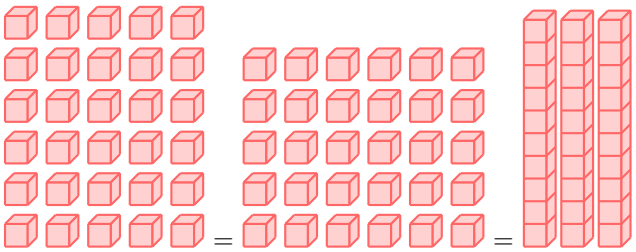
- $5 \times 4 = 4 \times 5$
  $= 5 + 5 + 5 + 5$
  $= 10 + 10$
  $= 20$

Ex 46:

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



Answer:

- 

- $5 \times 6 = 6 \times 5$
  $= 5 + 5 + 5 + 5 + 5 + 5$
  $= 10 + 10 + 10$
  $= 30$

C.4 MULTIPLYING BY 5

Ex 47: $5 \times 0 = \boxed{0}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$

- $5 \times 0 = 0$

Ex 48: $5 \times 3 = \boxed{15}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$

- $5 \times 3 = 15$

Ex 49: $5 \times 1 = \boxed{5}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$

- $5 \times 1 = 5$

Ex 50: $5 \times 2 = \boxed{10}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$
- $5 \times 2 = 10$

Ex 51: $5 \times 5 = \boxed{25}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$
- $5 \times 5 = 25$

Ex 52: $5 \times 4 = \boxed{20}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$
- $5 \times 4 = 20$

Ex 53: $5 \times 7 = \boxed{35}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$
- $5 \times 7 = 35$

Ex 54: $5 \times 6 = \boxed{30}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$
- $5 \times 6 = 30$

Ex 55: $5 \times 8 = \boxed{40}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$
- $5 \times 8 = 40$

Ex 56: $5 \times 10 = \boxed{50}$

Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$
- $5 \times 10 = 50$

Ex 57: $5 \times 9 = \boxed{45}$

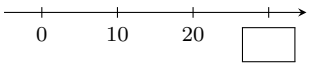
Answer:

- $5 \times 0 = 0$
  $5 \times 1 = 5$
  $5 \times 2 = 10$
  $5 \times 3 = 15$
  $5 \times 4 = 20$
  $5 \times 5 = 25$
  $5 \times 6 = 30$
  $5 \times 7 = 35$
  $5 \times 8 = 40$
  $5 \times 9 = 45$
  $5 \times 10 = 50$
- $5 \times 9 = 45$

D TIMES TABLE OF 10

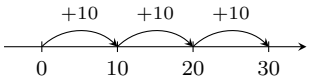
D.1 COUNTING BY 10S USING A NUMBER LINE

Ex 58:

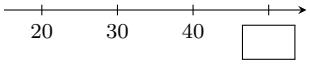


The missing number is $\boxed{30}$.

Answer: The missing number is 30.

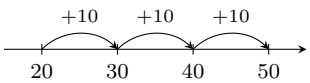


Ex 59:

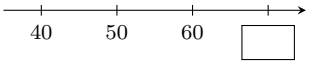


The missing number is $\boxed{50}$.

Answer: The missing number is 50.

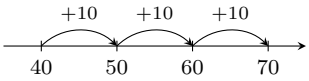


Ex 60:

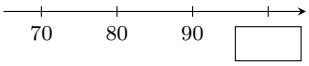


The missing number is $\boxed{70}$.

Answer: The missing number is 70.

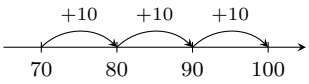


Ex 61:



The missing number is $\boxed{100}$.

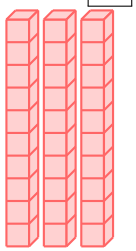
Answer: The missing number is 100.



D.2 MULTIPLYING BY 10 USING CUBES

Ex 62:

$3 \times 10 = \boxed{30}$

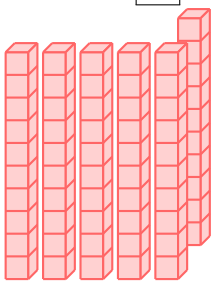


Answer:

- $3 \times 10 = 10 + 10 + 10$
  $= 30$

Ex 63:

$6 \times 10 = \boxed{60}$

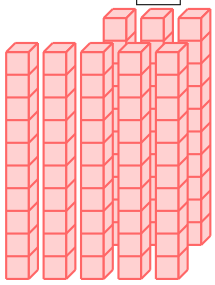


Answer:

- $6 \times 10 = 10 + 10 + 10 + 10 + 10 + 10$
  $= 60$

Ex 64:

$8 \times 10 = \boxed{80}$

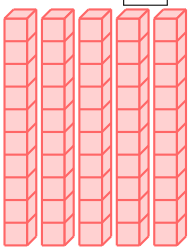


Answer:

- $8 \times 10 = 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10$
  $= 80$

Ex 65:

$5 \times 10 = \boxed{50}$



Answer:

- $5 \times 10 = 10 + 10 + 10 + 10 + 10$
  $= 50$

D.3 MULTIPLYING BY 10 USING ITEMS

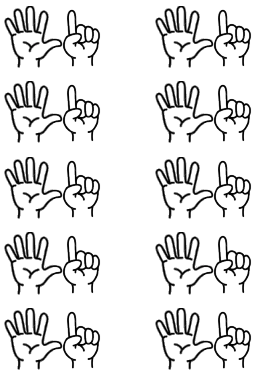
Ex 66: How many bananas are there?

$\boxed{30}$ bananas

Answer:

- $3 \times 10 = 10 + 10 + 10$
  $= 30$

Ex 67: How many fingers are raised?

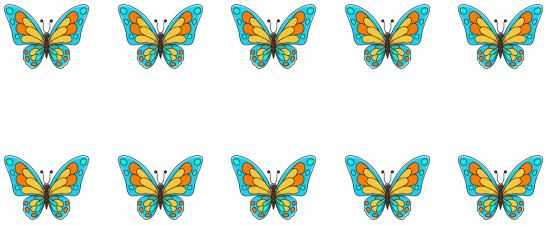


$\boxed{60}$ raised fingers

Answer:

- $6 \times 10 = 60$

Ex 68: Each butterfly has 4 wings.
How many wings are there?

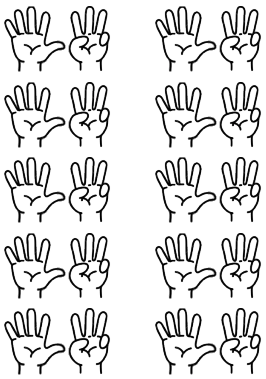


$\boxed{40}$ wings

Answer:

- $4 \times 10 = 40$

Ex 69: How many fingers are raised?



$\boxed{80}$ raised fingers

Answer:

- $8 \times 10 = 80$

D.4 MULTIPLYING BY 10

Ex 70: $10 \times 0 = \boxed{0}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 0 = 0$

Ex 71: $10 \times 2 = \boxed{20}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 2 = 20$

Ex 72: $10 \times 1 = \boxed{10}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 1 = 10$

Ex 73: $10 \times 4 = \boxed{40}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 4 = 40$

Ex 74: $10 \times 3 = \boxed{30}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 3 = 30$

Ex 75: $10 \times 5 = \boxed{50}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 5 = 50$

Ex 76: $10 \times 8 = \boxed{80}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 8 = 80$

Ex 77: $10 \times 6 = \boxed{60}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 6 = 60$

Ex 78: $10 \times 7 = \boxed{70}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 7 = 70$

Ex 79: $10 \times 10 = \boxed{100}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 10 = 100$

Ex 80: $10 \times 9 = \boxed{90}$

Answer:

- $10 \times 0 = 0$
  $10 \times 1 = 10$
  $10 \times 2 = 20$
  $10 \times 3 = 30$
  $10 \times 4 = 40$
  $10 \times 5 = 50$
  $10 \times 6 = 60$
  $10 \times 7 = 70$
  $10 \times 8 = 80$
  $10 \times 9 = 90$
  $10 \times 10 = 100$
- $10 \times 9 = 90$

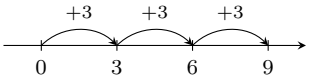
E TIMES TABLE OF 3

E.1 COUNTING BY 3S USING A NUMBER LINE

Ex 81:

The missing number is $\boxed{9}$.

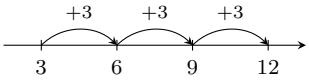
Answer: The missing number is 9.



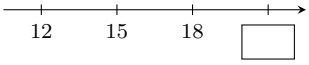
Ex 82:

The missing number is $\boxed{12}$.

Answer: The missing number is 12.

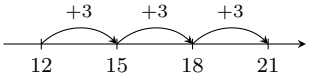


Ex 83:

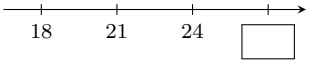


The missing number is $\boxed{21}$.

Answer: The missing number is 21.

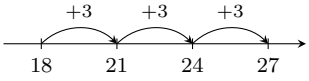


Ex 84:



The missing number is $\boxed{27}$.

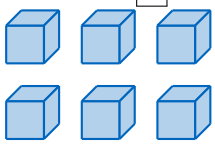
Answer: The missing number is 27.



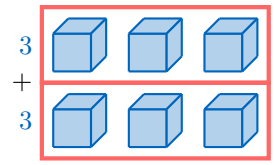
E.2 MULTIPLYING BY 3 USING CUBES

Ex 85:

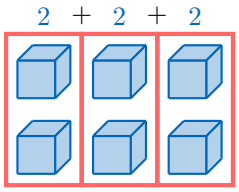
$3 \times 2 = \boxed{6}$



Answer:

- 

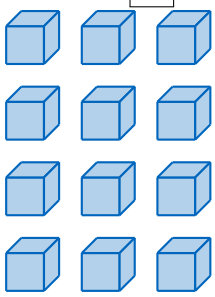
  $3 \times 2 = 2 \times 3$
  $= 3 + 3$ counting by 3s :3, and 6
  $= 6$

- 

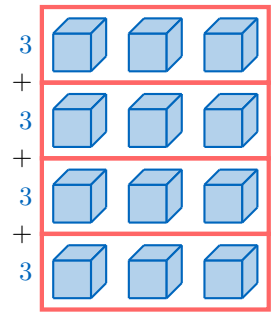
  $3 \times 2 = 2 + 2 + 2$ counting by 2s :2, 4, and 6
  $= 6$

Ex 86:

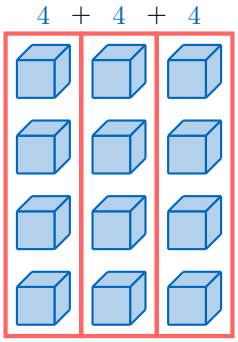
$3 \times 4 = \boxed{15}$



Answer:

- 

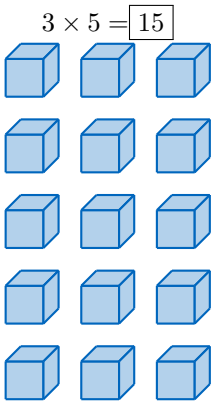
  $3 \times 4 = 4 \times 3$
  $= 3 + 3 + 3 + 3$ counting by 3s: $3, 6, 9$ and 12
  $= 12$

- 

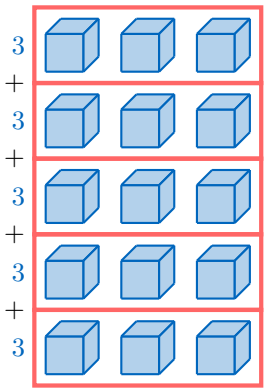
  $3 \times 4 = 4 + 4 + 4$ counting by 4s: $4, 8$ and 12
  $= 12$

Ex 87:

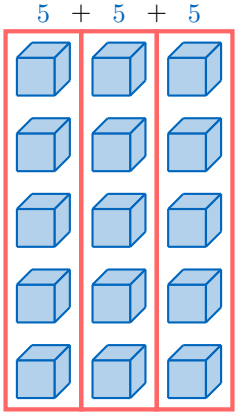
$3 \times 5 = \boxed{15}$



Answer:

- 

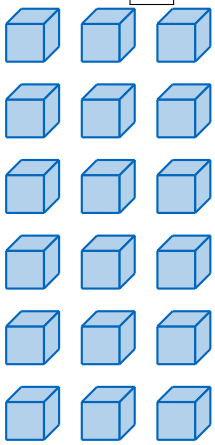
  $3 \times 5 = 5 \times 3$
  $= 3 + 3 + 3 + 3 + 3$ counting by 3s: $3, 6, 9, 12$ and 15
  $= 15$

- 

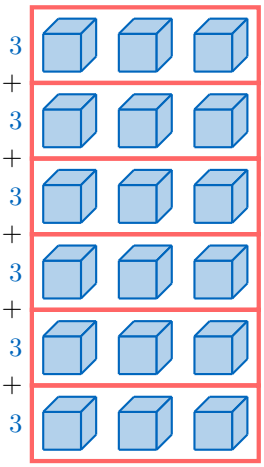
  $3 \times 5 = 5 + 5 + 5$ counting by 5s: $5, 10$ and 15
  $= 15$

Ex 88:

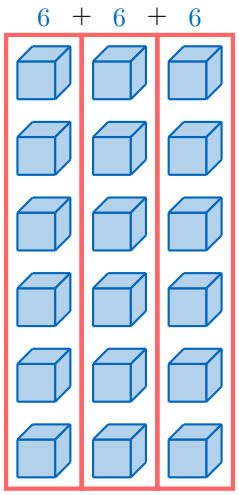
$3 \times 6 = \boxed{18}$



Answer:

- 

  $3 \times 6 = 6 \times 3$
  $= 3 + 3 + 3 + 3 + 3 + 3$ counting by 3s :3, 6, 9, 12, 15 and 18
  $= 18$

- 

  $3 \times 6 = 6 + 6 + 6$ counting by 6s :6, 12 and 18
  $= 18$

E.3 MULTIPLYING BY 3

Ex 89: $3 \times 0 = \boxed{0}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$

- $3 \times 0 = 0$

Ex 90: $3 \times 2 = \boxed{6}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$

- $3 \times 2 = 6$

Ex 91: $3 \times 3 = \boxed{9}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$

- $3 \times 3 = 9$

Ex 92: $3 \times 1 = \boxed{3}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$
- $3 \times 1 = 3$

Ex 93: $3 \times 4 = \boxed{12}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$
- $3 \times 4 = 12$

Ex 94: $3 \times 7 = \boxed{21}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$
- $3 \times 7 = 21$

Ex 95: $3 \times 5 = \boxed{15}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$
- $3 \times 5 = 15$

Ex 96: $3 \times 6 = \boxed{18}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$
- $3 \times 6 = 18$

Ex 97: $3 \times 8 = \boxed{24}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$
- $3 \times 8 = 24$

Ex 98: $3 \times 10 = \boxed{30}$

Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$
- $3 \times 10 = 30$

Ex 99: $3 \times 9 = \boxed{27}$

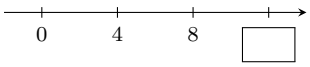
Answer:

- $3 \times 0 = 0$
  $3 \times 1 = 3$
  $3 \times 2 = 6$
  $3 \times 3 = 9$
  $3 \times 4 = 12$
  $3 \times 5 = 15$
  $3 \times 6 = 18$
  $3 \times 7 = 21$
  $3 \times 8 = 24$
  $3 \times 9 = 27$
  $3 \times 10 = 30$
- $3 \times 9 = 27$

F TIMES TABLE OF 4

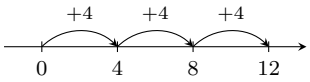
F.1 COUNTING BY 4S USING A NUMBER LINE

Ex 100:

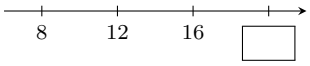


The missing number is $\boxed{12}$.

Answer: The missing number is 12.

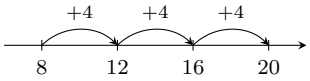


Ex 101:

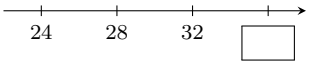


The missing number is $\boxed{20}$.

Answer: The missing number is 20.

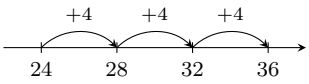


Ex 102:

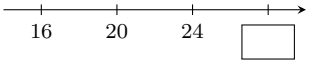


The missing number is $\boxed{36}$.

Answer: The missing number is 36.

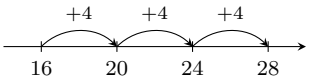


Ex 103:



The missing number is $\boxed{28}$.

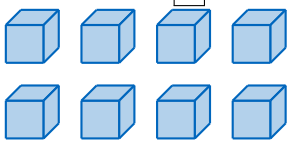
Answer: The missing number is 28.



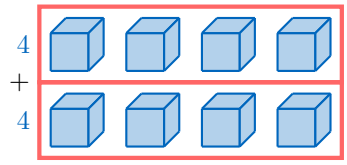
F.2 MULTIPLYING BY 4 USING CUBES

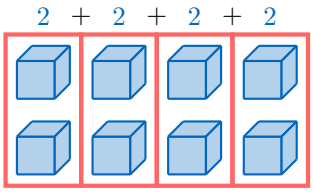
Ex 104:

$4 \times 2 = \boxed{8}$



Answer:

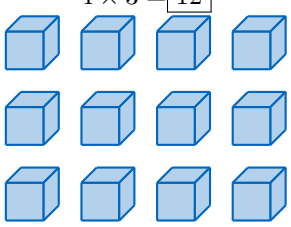
- 

$4 \times 2 = 2 \times 4$
$= 4 + 4$ counting by 4s :4, and 8
$= 8$
- 

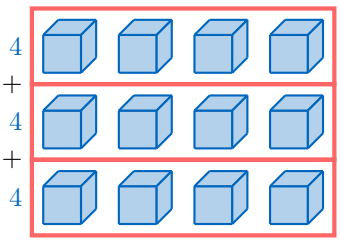
$4 \times 2 = 2 + 2 + 2 + 2$ counting by 2s :2, 4, 6, and 8
$= 8$

Ex 105:

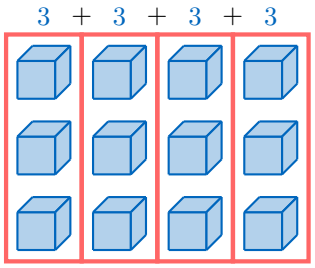
$4 \times 3 = \boxed{12}$



Answer:



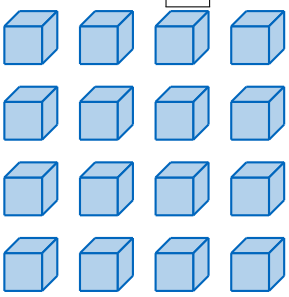
- $4 \times 3 = 3 \times 4$
  $= 4 + 4 + 4$ counting by 4s: $4, 8$, and 12
  $= 12$



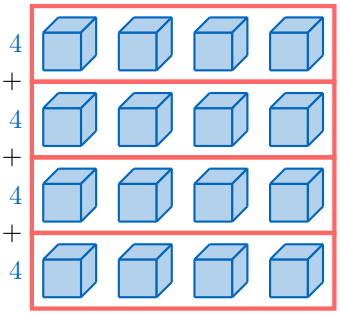
- $4 \times 3 = 3 + 3 + 3 + 3$ counting by 3s: $3, 6, 9$, and 12
  $= 12$

Ex 106:

$4 \times 4 = \boxed{16}$



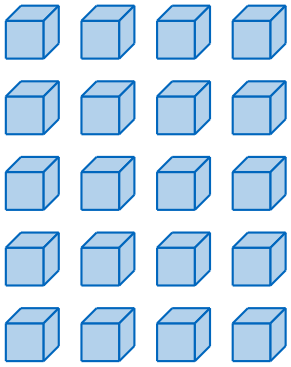
Answer:



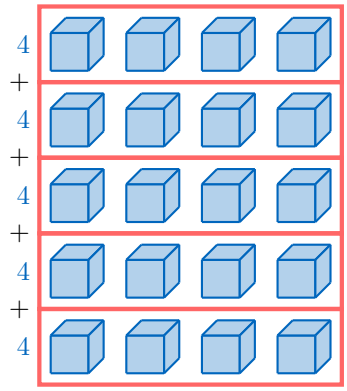
- $4 \times 4 = 4 + 4 + 4 + 4$ counting by 4s: $4, 8, 12$, and 16
  $= 16$

Ex 107:

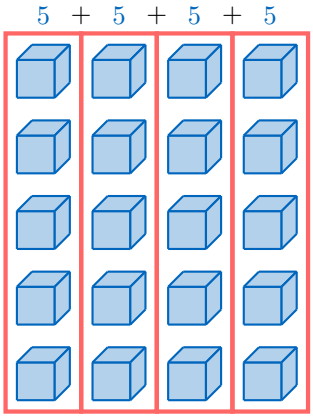
$4 \times 5 = \boxed{20}$



Answer:



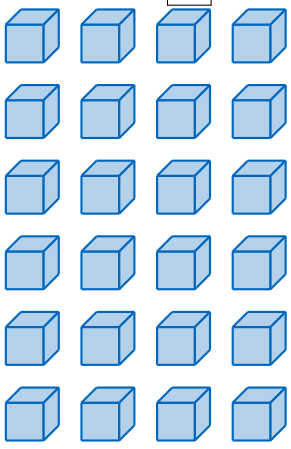
- $4 \times 5 = 5 \times 4$
  $= 4 + 4 + 4 + 4 + 4$ counting by 4s: $4, 8, 12, 16$, and 20
  $= 20$



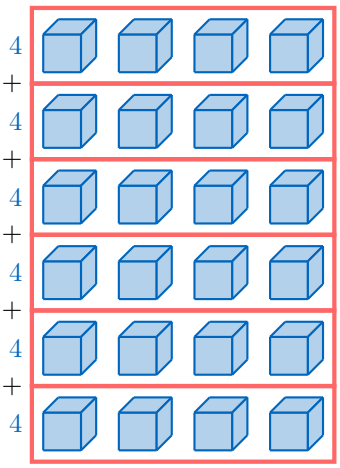
- $4 \times 5 = 5 + 5 + 5 + 5$ counting by 5s: $5, 10, 15$, and 20
  $= 20$

Ex 108:

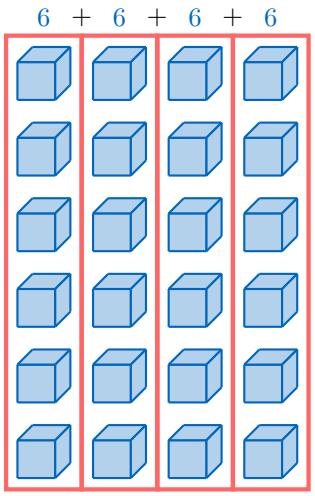
$4 \times 6 = \boxed{24}$



Answer:

- 

$4 \times 6 = 6 \times 4$ counting by 4s: $4, 8, 12, 16, 20,$ and 24
$= 4 + 4 + 4 + 4 + 4 + 4$
$= 24$

- 

$4 \times 6 = 6 + 6 + 6 + 6$ counting by 6s: $6, 12, 18,$ and 24
$= 24$

F.3 MULTIPLYING BY 4

Ex 109: $4 \times 0 = \boxed{0}$

Answer:

- $4 \times 0 = 0$
$4 \times 1 = 4$
$4 \times 2 = 8$
$4 \times 3 = 12$
$4 \times 4 = 16$
$4 \times 5 = 20$
$4 \times 6 = 24$
$4 \times 7 = 28$
$4 \times 8 = 32$
$4 \times 9 = 36$
$4 \times 10 = 40$
- $4 \times 0 = 0$

Ex 110: $4 \times 2 = \boxed{8}$

Answer:

- $4 \times 0 = 0$
$4 \times 1 = 4$
$4 \times 2 = 8$
$4 \times 3 = 12$
$4 \times 4 = 16$
$4 \times 5 = 20$
$4 \times 6 = 24$
$4 \times 7 = 28$
$4 \times 8 = 32$
$4 \times 9 = 36$
$4 \times 10 = 40$
- $4 \times 2 = 8$

Ex 111: $4 \times 1 = \boxed{4}$

Answer:

- $4 \times 0 = 0$
$4 \times 1 = 4$
$4 \times 2 = 8$
$4 \times 3 = 12$
$4 \times 4 = 16$
$4 \times 5 = 20$
$4 \times 6 = 24$
$4 \times 7 = 28$
$4 \times 8 = 32$
$4 \times 9 = 36$
$4 \times 10 = 40$
- $4 \times 1 = 4$

Ex 112: $4 \times 4 = \boxed{16}$

Answer:

- $4 \times 0 = 0$
$4 \times 1 = 4$
$4 \times 2 = 8$
$4 \times 3 = 12$
$4 \times 4 = 16$
$4 \times 5 = 20$
$4 \times 6 = 24$
$4 \times 7 = 28$
$4 \times 8 = 32$
$4 \times 9 = 36$
$4 \times 10 = 40$
- $4 \times 4 = 16$

Ex 113: $4 \times 5 = \boxed{20}$

Answer:

- $4 \times 0 = 0$
  $4 \times 1 = 4$
  $4 \times 2 = 8$
  $4 \times 3 = 12$
  $4 \times 4 = 16$
  $4 \times 5 = 20$
  $4 \times 6 = 24$
  $4 \times 7 = 28$
  $4 \times 8 = 32$
  $4 \times 9 = 36$
  $4 \times 10 = 40$

- $4 \times 5 = 20$

Ex 114: $4 \times 3 = \boxed{12}$

Answer:

- $4 \times 0 = 0$
  $4 \times 1 = 4$
  $4 \times 2 = 8$
  $4 \times 3 = 12$
  $4 \times 4 = 16$
  $4 \times 5 = 20$
  $4 \times 6 = 24$
  $4 \times 7 = 28$
  $4 \times 8 = 32$
  $4 \times 9 = 36$
  $4 \times 10 = 40$

- $4 \times 3 = 12$

Ex 115: $4 \times 7 = \boxed{28}$

Answer:

- $4 \times 0 = 0$
  $4 \times 1 = 4$
  $4 \times 2 = 8$
  $4 \times 3 = 12$
  $4 \times 4 = 16$
  $4 \times 5 = 20$
  $4 \times 6 = 24$
  $4 \times 7 = 28$
  $4 \times 8 = 32$
  $4 \times 9 = 36$
  $4 \times 10 = 40$

- $4 \times 7 = 28$

Ex 116: $4 \times 8 = \boxed{32}$

Answer:

- $4 \times 0 = 0$
  $4 \times 1 = 4$
  $4 \times 2 = 8$
  $4 \times 3 = 12$
  $4 \times 4 = 16$
  $4 \times 5 = 20$
  $4 \times 6 = 24$
  $4 \times 7 = 28$
  $4 \times 8 = 32$
  $4 \times 9 = 36$
  $4 \times 10 = 40$

- $4 \times 8 = 32$

Ex 117: $4 \times 6 = \boxed{24}$

Answer:

- $4 \times 0 = 0$
  $4 \times 1 = 4$
  $4 \times 2 = 8$
  $4 \times 3 = 12$
  $4 \times 4 = 16$
  $4 \times 5 = 20$
  $4 \times 6 = 24$
  $4 \times 7 = 28$
  $4 \times 8 = 32$
  $4 \times 9 = 36$
  $4 \times 10 = 40$

- $4 \times 6 = 24$

Ex 118: $4 \times 9 = \boxed{36}$

Answer:

- $4 \times 0 = 0$
  $4 \times 1 = 4$
  $4 \times 2 = 8$
  $4 \times 3 = 12$
  $4 \times 4 = 16$
  $4 \times 5 = 20$
  $4 \times 6 = 24$
  $4 \times 7 = 28$
  $4 \times 8 = 32$
  $4 \times 9 = 36$
  $4 \times 10 = 40$

- $4 \times 9 = 36$

Ex 119: $4 \times 10 = \boxed{40}$

Answer:

- $4 \times 0 = 0$
  $4 \times 1 = 4$
  $4 \times 2 = 8$
  $4 \times 3 = 12$
  $4 \times 4 = 16$
  $4 \times 5 = 20$
  $4 \times 6 = 24$
  $4 \times 7 = 28$
  $4 \times 8 = 32$
  $4 \times 9 = 36$
  $4 \times 10 = 40$
- $4 \times 10 = 40$