

SUBTRACTION WITHIN 20

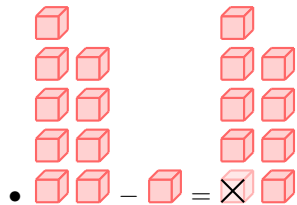
A WHAT IS SUBTRACTION?

A.1 SUBTRACTING NUMBERS WITHIN 10

Ex 1:

$$9 - 1 = \boxed{8}$$

Answer:

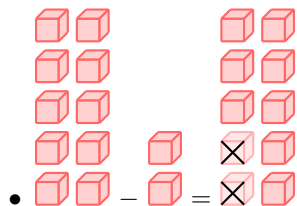


$$\bullet 9 - 1 = 8$$

Ex 2:

$$10 - 2 = \boxed{8}$$

Answer:

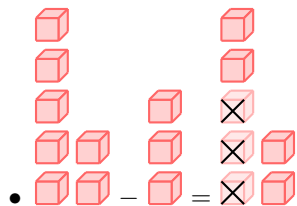


$$\bullet 10 - 2 = 8$$

Ex 3:

$$7 - 3 = \boxed{4}$$

Answer:

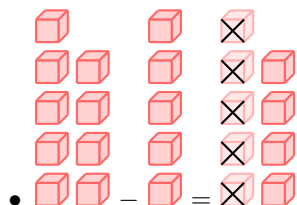


$$\bullet 7 - 3 = 4$$

Ex 4:

$$9 - 5 = \boxed{4}$$

Answer:



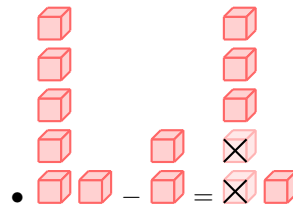
$$\bullet 9 - 5 = 4$$

$$\bullet 9 - 5 = 4$$

Ex 5:

$$6 - 2 = \boxed{4}$$

Answer:

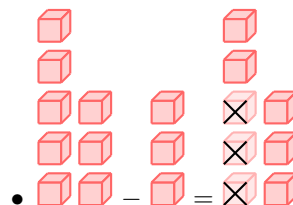


$$\bullet 6 - 2 = 4$$

Ex 6:

$$8 - 3 = \boxed{5}$$

Answer:

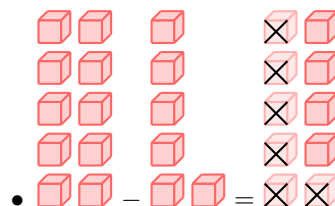


$$\bullet 8 - 3 = 5$$

Ex 7:

$$10 - 6 = \boxed{4}$$

Answer:

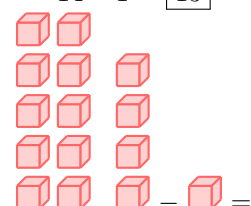


$$\bullet 10 - 6 = 4$$

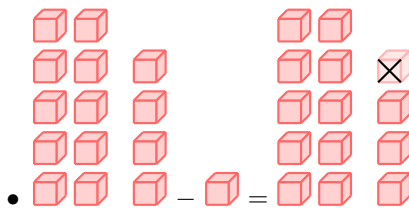
A.2 SUBTRACTING BY TAKING AWAY UNITS

Ex 8:

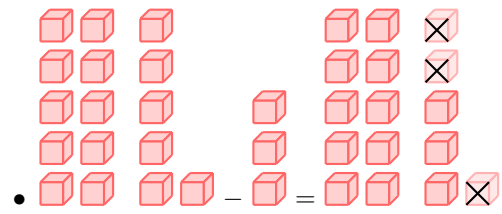
$$14 - 1 = \boxed{13}$$



Answer:

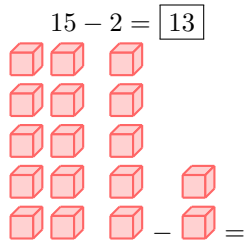


• $14 - 1 = 13$

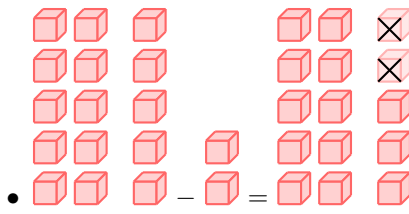


• $16 - 3 = 13$

Ex 9:

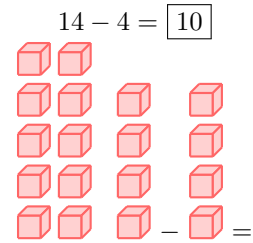


Answer:

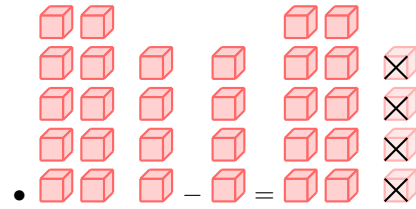


• $15 - 2 = 13$

Ex 12:

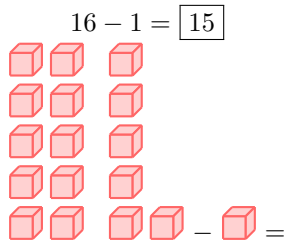


Answer:

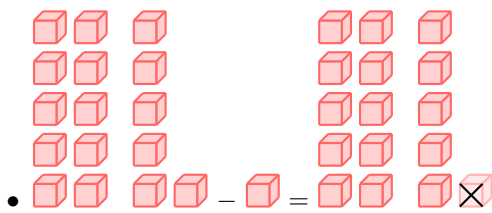


• $14 - 4 = 10$

Ex 10:

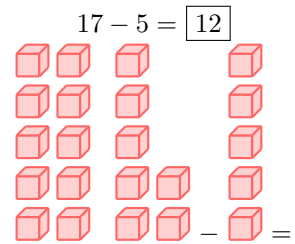


Answer:

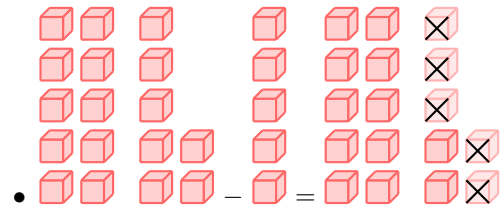


• $16 - 1 = 15$

Ex 13:

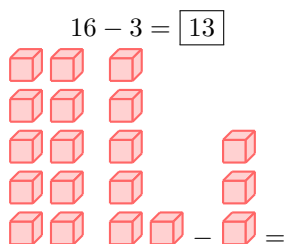


Answer:



• $17 - 5 = 12$

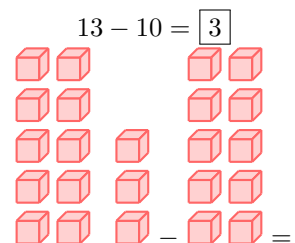
Ex 11:



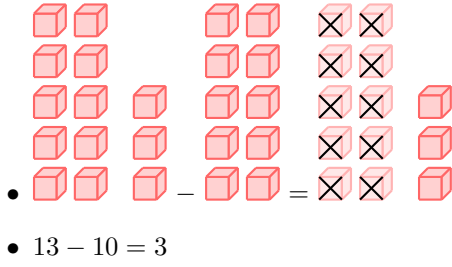
Answer:

A.3 SUBTRACTING BY TAKING AWAY UNITS AND ONE TEN

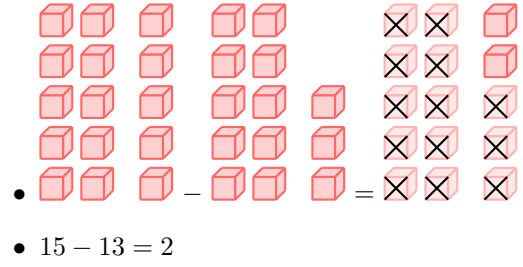
Ex 14:



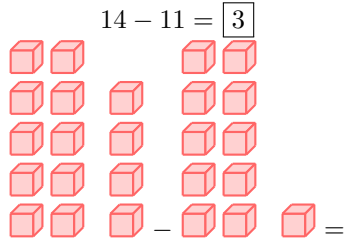
Answer:



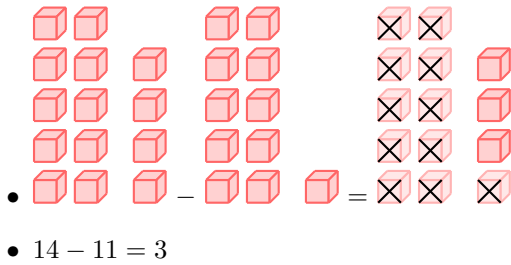
Answer:



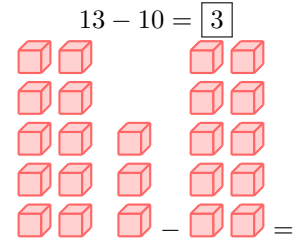
Ex 15:



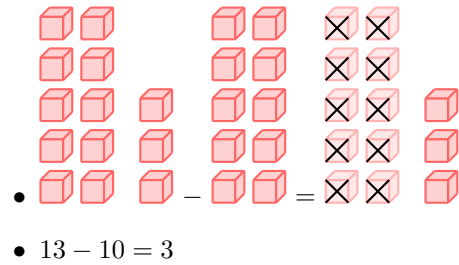
Answer:



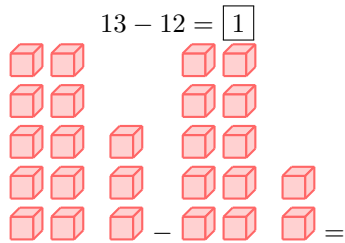
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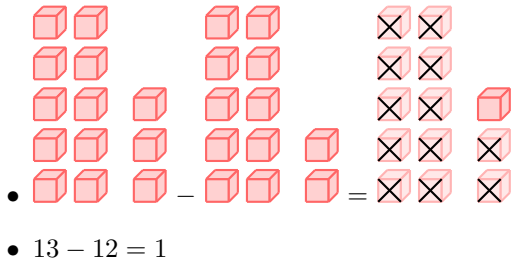
Answer:



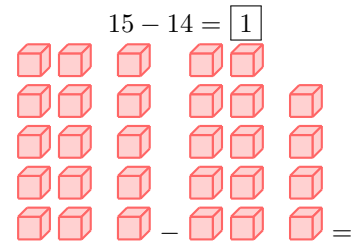
Ex 16:



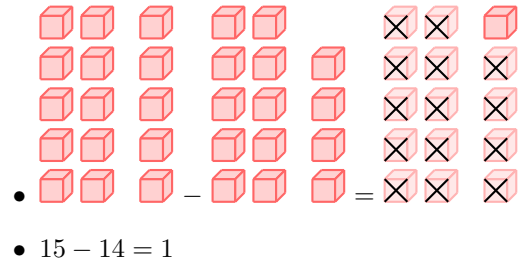
Answer:



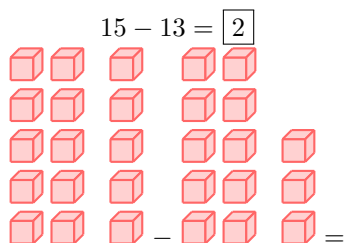
Ex 19:



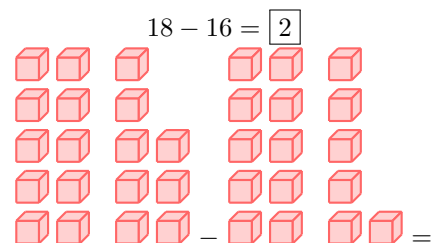
Answer:



Ex 17:



Ex 20:



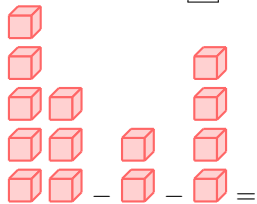
●  $18 - 16 = 2$

$$= \begin{array}{c} \text{red cube} \\ \text{red cube} \\ \text{red cube with X} \\ \text{red cube with X} \\ \text{red cube with X} \end{array}$$

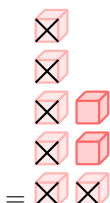
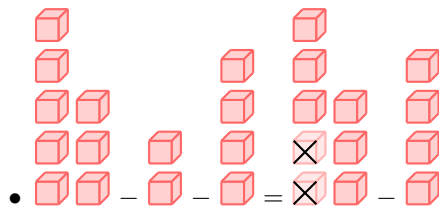
- $7 - 1 - 3 = 6 - 3$
 $= 3$

Ex 25:

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



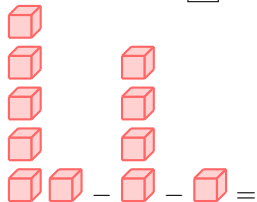
Answer:



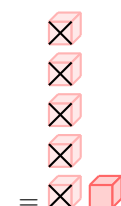
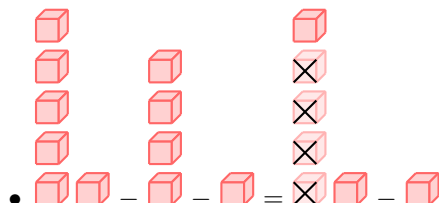
- $8 - 2 - 4 = 6 - 4$
 $= 2$

Ex 26:

$$6 - 4 - 1 = \boxed{1}$$



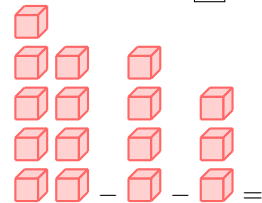
Answer:



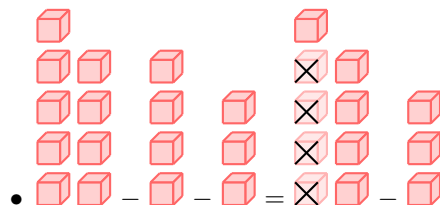
- $6 - 4 - 1 = 2 - 1$
 $= 1$

Ex 27:

$$9 - 4 - 3 = \boxed{2}$$



Answer:



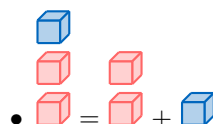
- $9 - 4 - 3 = 5 - 3$
 $= 2$

A.5 BREAKING DOWN NUMBERS

Ex 28:

$$3 = 2 + \boxed{1}$$

Answer:

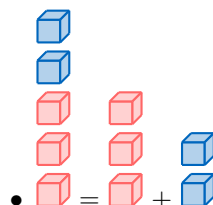


- $3 = 2 + 1$

Ex 29:

$$5 = 3 + \boxed{2}$$

Answer:

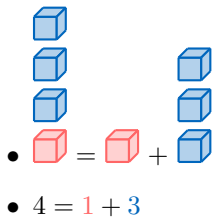


- $5 = 3 + 2$

Ex 30:

$$4 = 1 + \boxed{3}$$

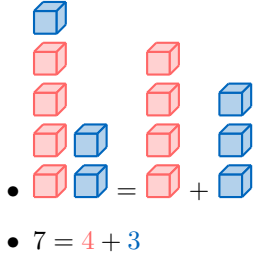
Answer:



Ex 31:

$$7 = 4 + \boxed{3}$$

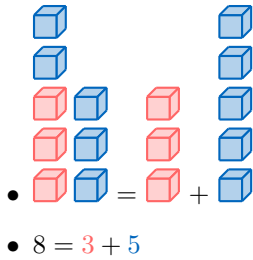
Answer:



Ex 32:

$$8 = 3 + \boxed{5}$$

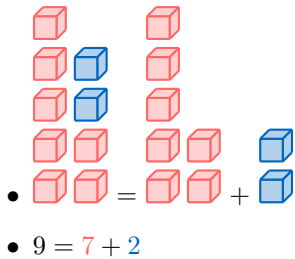
Answer:



Ex 33:

$$9 = 7 + \boxed{2}$$

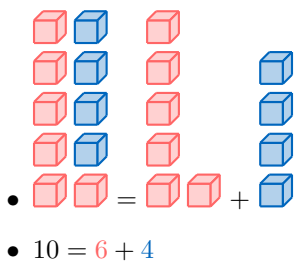
Answer:



Ex 34:

$$10 = 6 + \boxed{4}$$

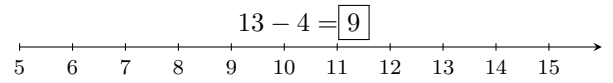
Answer:



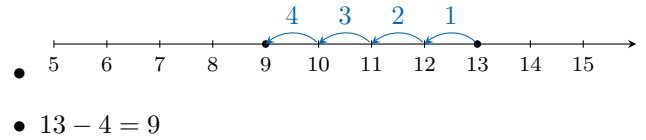
B SUBTRACTING ON THE NUMBER LINE

B.1 SUBTRACTING USING THE NUMBER LINE

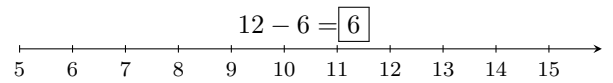
Ex 35:



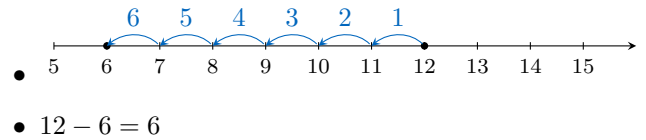
Answer:



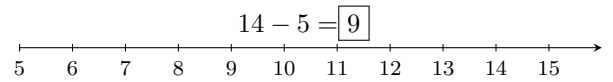
Ex 36:



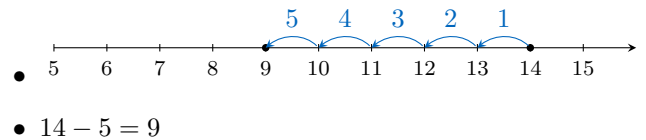
Answer:



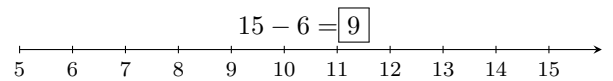
Ex 37:



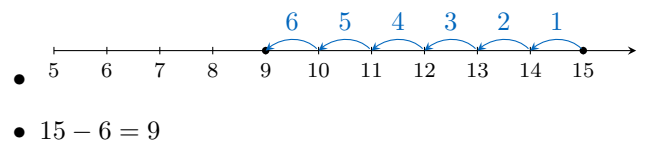
Answer:



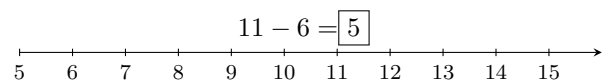
Ex 38:



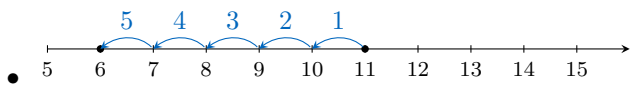
Answer:



Ex 39:

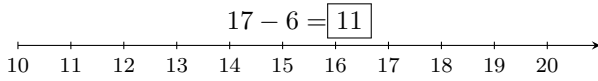


Answer:

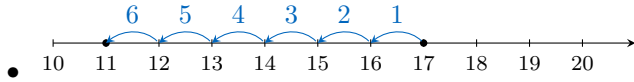


• $11 - 6 = 5$

Ex 40:



Answer:



• $11 - 6 = 5$

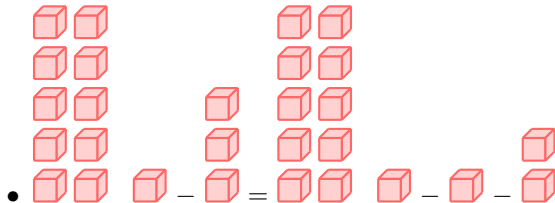
C THE "SUBTRACT TO MAKE 10" STRATEGY

C.1 BREAKING DOWN NUMBERS TO MAKE TEN

Ex 41:

$11 - 3 = 11 - 1 - \boxed{2}$

Answer:

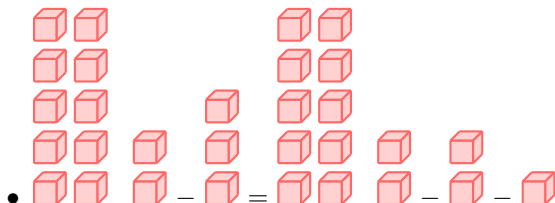


• $11 - 3 = 11 - 1 - 2$

Ex 42:

$12 - 3 = 12 - 2 - \boxed{1}$

Answer:

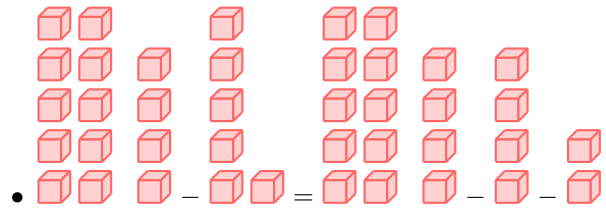


• $12 - 3 = 12 - 2 - 1$

Ex 43:

$14 - 6 = 14 - 4 - \boxed{2}$

Answer:

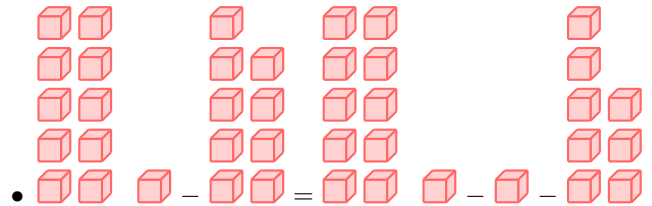


• $14 - 6 = 14 - 4 - 2$

Ex 44:

$12 - 7 = 12 - 2 - \boxed{5}$

Answer:

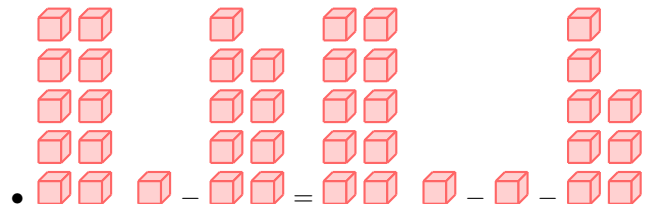


• $11 - 9 = 11 - 1 - 8$

Ex 45:

$11 - 9 = 11 - 1 - \boxed{8}$

Answer:

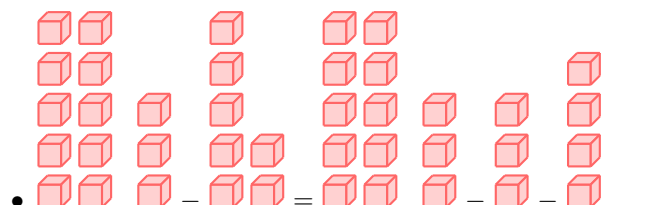


• $11 - 9 = 11 - 1 - 8$

Ex 46:

$13 - 7 = 13 - 3 - \boxed{4}$

Answer:



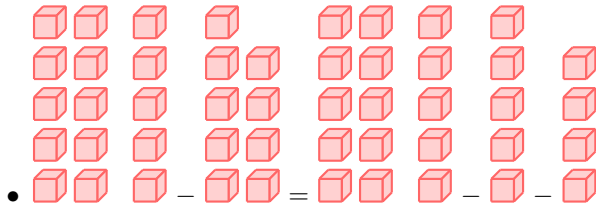
• $13 - 7 = 13 - 3 - 4$

Ex 47:

$$15 - 9 = 15 - 5 - \boxed{4}$$

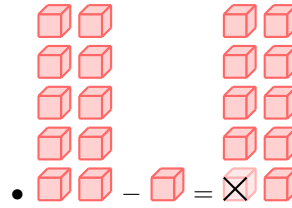
$$10 - 1 = \boxed{9}$$

Answer:



- $15 - 9 = 15 - 5 - 4$

Answer:



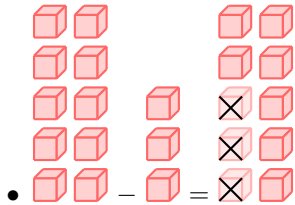
- $10 - 1 = 9$

C.2 SUBTRACTING FROM TEN

Ex 48:

$$10 - 3 = \boxed{7}$$

Answer:

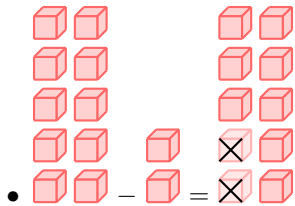


- $10 - 3 = 7$

Ex 49:

$$10 - 2 = \boxed{8}$$

Answer:

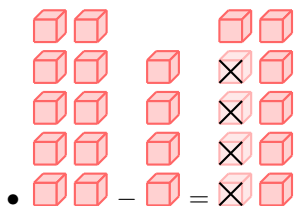


- $10 - 2 = 8$

Ex 50:

$$10 - 4 = \boxed{6}$$

Answer:



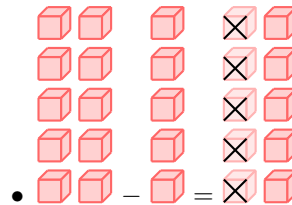
- $10 - 4 = 6$

Ex 51:

Ex 52:

$$10 - 5 = \boxed{5}$$

Answer:

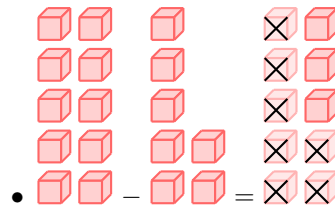


- $10 - 5 = 5$

Ex 53:

$$10 - 7 = \boxed{3}$$

Answer:

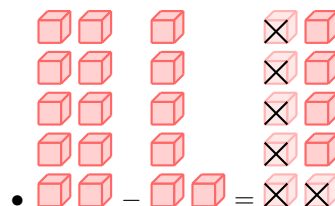


- $10 - 7 = 3$

Ex 54:

$$10 - 6 = \boxed{4}$$

Answer:



- $10 - 6 = 4$

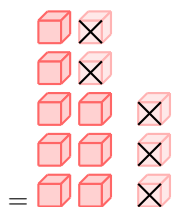
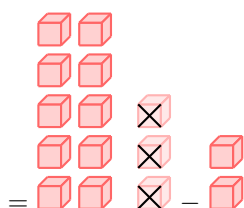
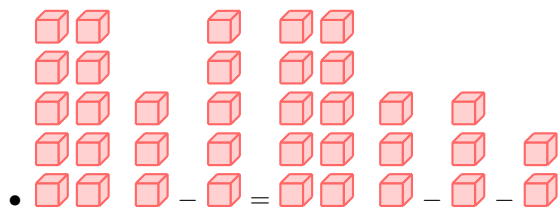
C.3 MAKING 10 AFTER BREAKING DOWN NUMBERS

Ex 55:

$$13 - 5 = 13 - 3 - 2$$

$$= \boxed{8}$$

Answer:



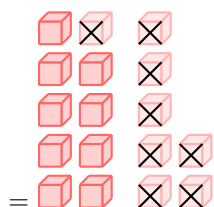
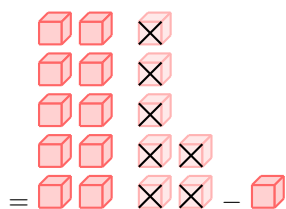
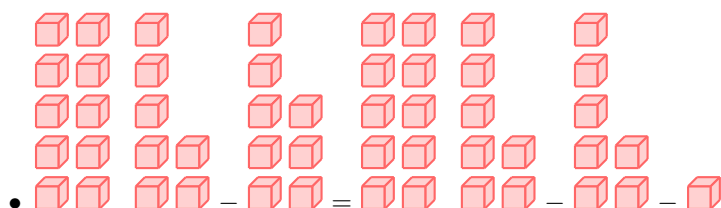
- $13 - 5 = 13 - 3 - 2$
 $= 10 - 2$
 $= 8$

Ex 56:

$$17 - 8 = 17 - 7 - 1$$

$$= \boxed{9}$$

Answer:



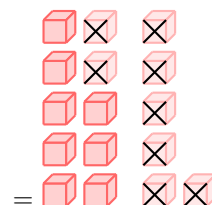
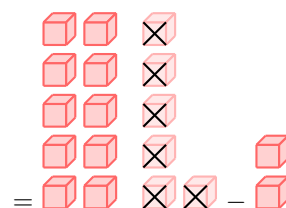
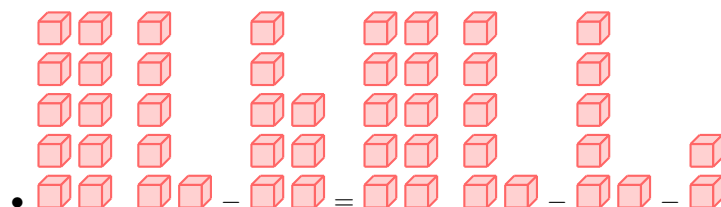
- $17 - 8 = 17 - 7 - 1$
 $= 10 - 1$
 $= 9$

Ex 57:

$$16 - 8 = 16 - 6 - 2$$

$$= \boxed{8}$$

Answer:



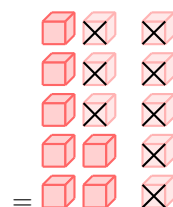
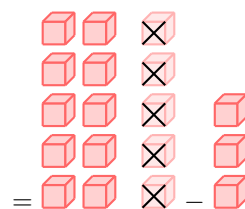
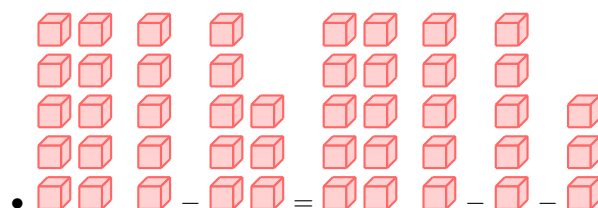
- $16 - 8 = 16 - 6 - 2$
 $= 10 - 2$
 $= 8$

Ex 58:

$$15 - 8 = 15 - 5 - 3$$

$$= \boxed{7}$$

Answer:



- $15 - 8 = 15 - 5 - 3$
 $= 10 - 3$
 $= 7$

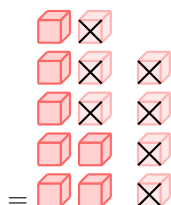
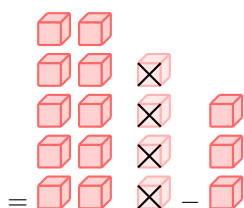
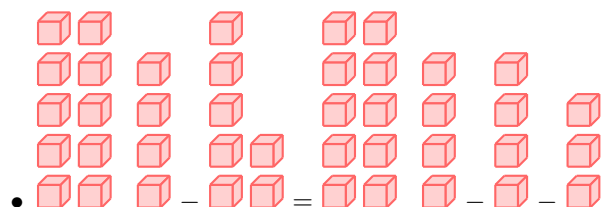
- $18 - 9 = 18 - 8 - 1$
 $= 10 - 1$
 $= 9$

Ex 59:

$$14 - 7 = 14 - 4 - 3$$

$$= \boxed{7}$$

Answer:



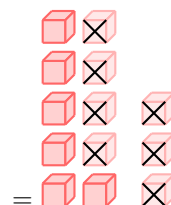
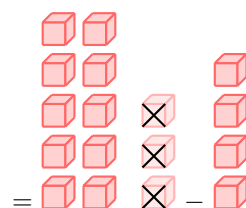
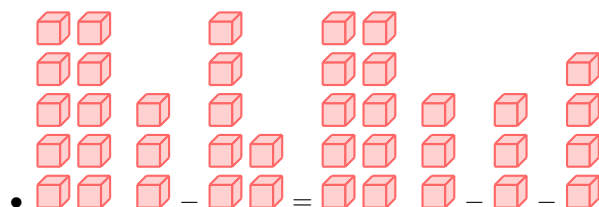
- $14 - 7 = 14 - 4 - 3$
 $= 10 - 3$
 $= 7$

Ex 61:

$$13 - 7 = 13 - 3 - 4$$

$$= \boxed{6}$$

Answer:



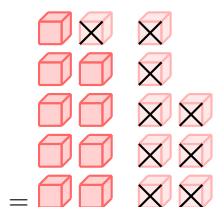
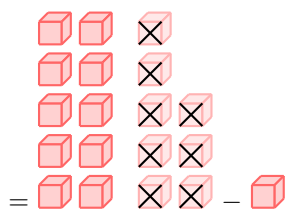
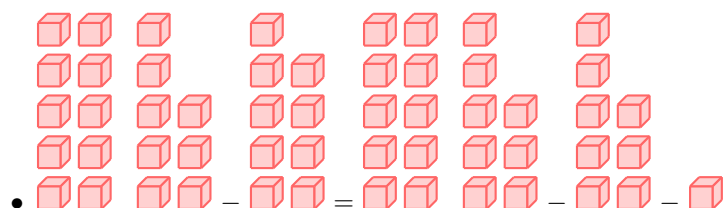
- $13 - 7 = 13 - 3 - 4$
 $= 10 - 4$
 $= 6$

Ex 60:

$$18 - 9 = 18 - 8 - 1$$

$$= \boxed{9}$$

Answer:

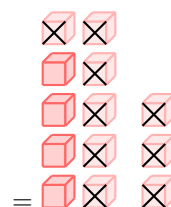
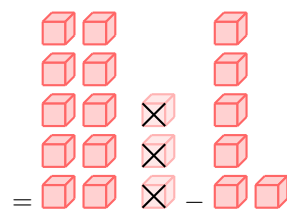
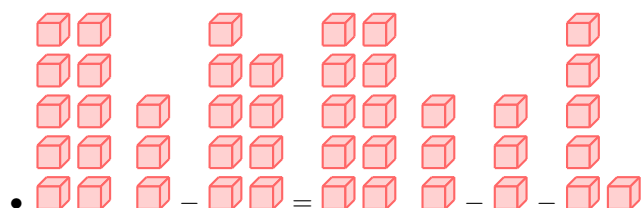


Ex 62:

$$13 - 9 = 13 - 3 - 6$$

$$= \boxed{4}$$

Answer:



- $13 - 9 = 13 - 3 - 6$
 $= 10 - 6$
 $= 4$

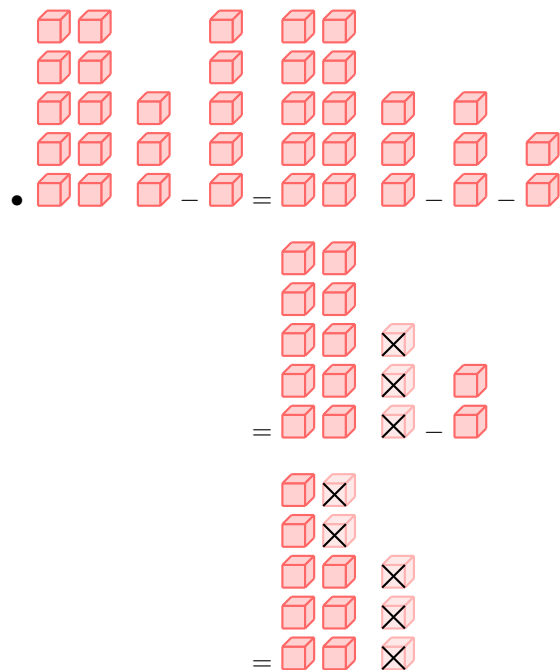
- $17 - 8 = 17 - 7 - 1$
 $= 10 - 1$
 $= 9$

C.4 SUBTRACTING NUMBER WITHIN 20

Ex 63:

$$13 - 5 = \boxed{8}$$

Answer:

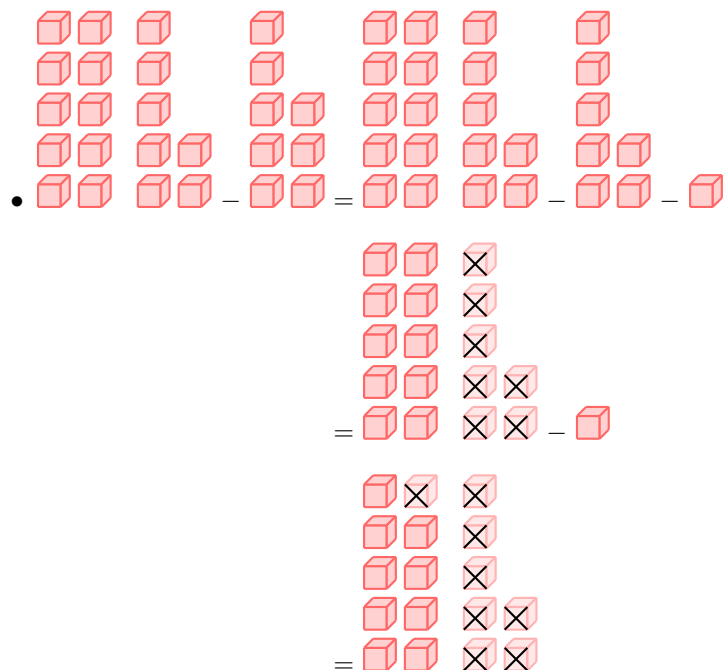


- $13 - 5 = 13 - 3 - 2$
 $= 10 - 2$
 $= 8$

Ex 64:

$$17 - 8 = \boxed{9}$$

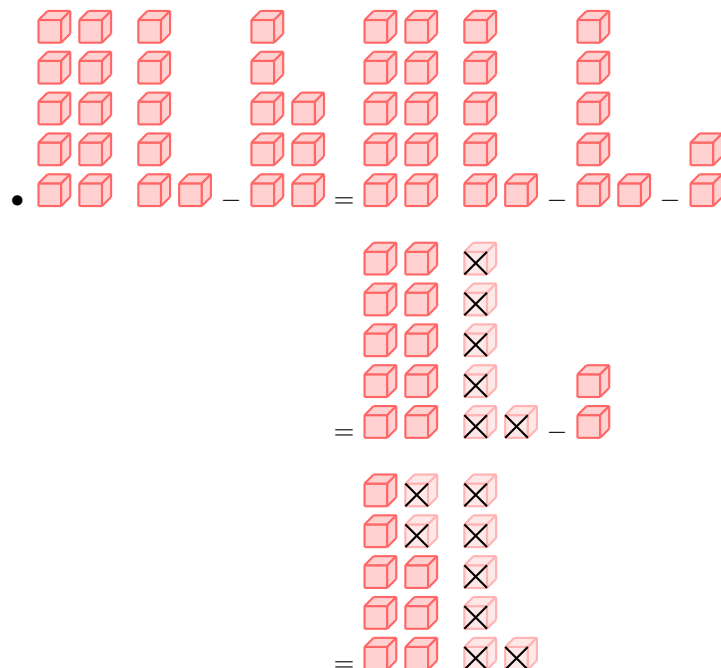
Answer:



Ex 65:

$$16 - 8 = \boxed{8}$$

Answer:

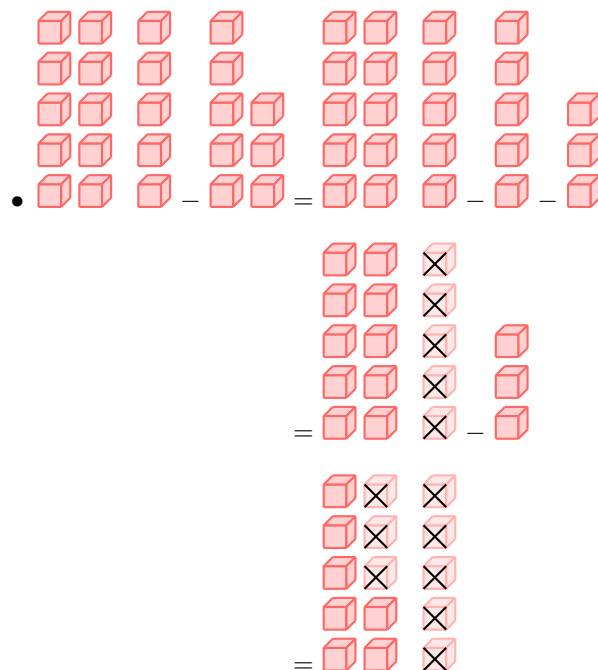


- $16 - 8 = 16 - 6 - 2$
 $= 10 - 2$
 $= 8$

Ex 66:

$$15 - 8 = \boxed{7}$$

Answer:

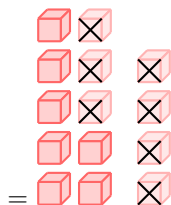
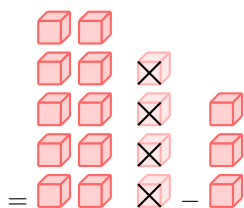
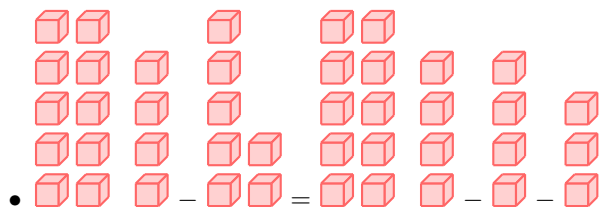


- $15 - 8 = 15 - 5 - 3$
 $= 10 - 3$
 $= 7$

Ex 67:

$$14 - 7 = \boxed{7}$$

Answer:

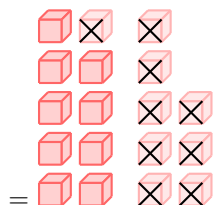
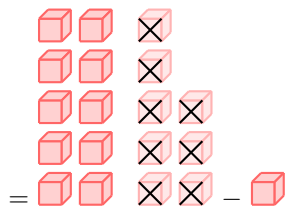
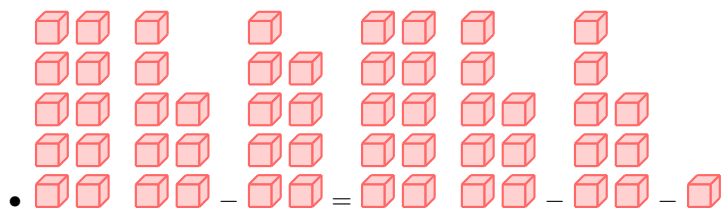


- $14 - 7 = 14 - 4 - 3$
 $= 10 - 3$
 $= 7$

Ex 68:

$$18 - 9 = \boxed{9}$$

Answer:

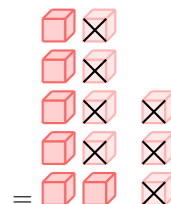
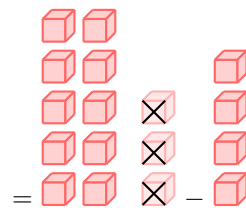
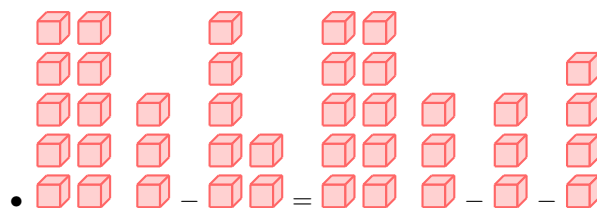


- $18 - 9 = 18 - 8 - 1$
 $= 10 - 1$
 $= 9$

Ex 69:

$$13 - 7 = \boxed{6}$$

Answer:

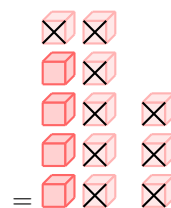
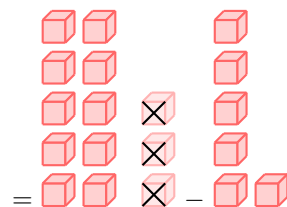
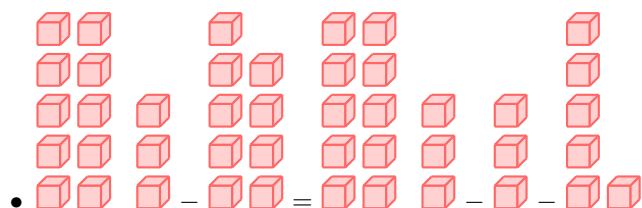


- $13 - 7 = 13 - 3 - 4$
 $= 10 - 4$
 $= 6$

Ex 70:

$$13 - 9 = \boxed{4}$$

Answer:



- $13 - 9 = 13 - 3 - 6$
 $= 10 - 6$
 $= 4$