

Name : \_\_\_\_\_

## Solving Equations with Distributive Property

①  $5(x - 8) = 10$

②  $6(2 + x) = 42$

③  $8(x + 8) = 128$

④  $20(x + 1) = 200$

⑤  $4(x - 5) = 44$

⑥  $3(x - 20) = 15$

⑦  $6(x + 3) = 48$

⑧  $7(x + 2) + 3 = 73$

⑨  $2(x - 10) = 30$

⑩  $3(x - 11) = 66$

⑪  $8(x - 3) = 96$

⑫  $9(x + 9) = 243$

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## Solving Equations with Distributive Property

Answers.

1  $5(x - 8) = 10$

Ans:  $x = 10$

2  $6(2 + x) = 42$

Ans:  $x = 5$

3  $8(x + 8) = 128$

Ans:  $x = 8$

4  $20(x + 1) = 200$

Ans:  $x = 9$

5  $4(x - 5) = 44$

Ans:  $x = 16$

6  $3(x - 20) = 15$

Ans:  $x = 25$

7  $6(x + 3) = 48$

Ans:  $x = 5$

8  $7(x + 2) + 3 = 73$

Ans:  $x = 8$

9  $2(x - 10) = 30$

Ans:  $x = 20$

10  $3(x - 11) = 66$

Ans:  $x = 33$

11  $8(x - 3) = 96$

Ans:  $x = 15$

12  $9(x + 9) = 243$

Ans:  $x = 18$