

is = number x

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Class: Math

Equations

ALGEBRA ~~Expressions~~

Solve.

$x = 18$

1. 18 Nine less than a number is 9. Find the number. $x - 9 = 9$

2. 8 A number increased by eight is 16. Find the number. $x + 8 = 16$

3. 3 A number increased by eight is 11. Find the number.

$x + 8 = 11 \quad x = 3$

4. 9 Four more than a number is 13. What is the number?

$13 - 4 = 9$

5. 8 Three-fourths of a number is 6. Find the number.

$(x \text{ divided by } 4) \times 3 = 6 \quad 3 \times 2 = 6 \quad 2 \times 4 = 8$

6. 7 A number increased by two is 9. Find the number. $x + 2 = 9$

7. 14 A number diminished by 10 is 4. Find the number. $x - 10 = 4$

8. 0 Six less than a number is 6. Find the number. $x - 6 = 6$

9. 4 Four more than a number is 6. What is the number? $x + 2 = 6 \quad x = 4$

10. 8 A number diminished by 2 is 6. Find the number. $x - 2 = 6 \quad x = 8$

11. 5 A number increased by nine is 14. Find the number. $x + 9 = 14 \quad x = 5$

12. 8 The sum of a number and five is 13. Find the number. $x + 5 = 13 \quad x = 8$

13. 4 Three-fourths of a number is 3. Find the number. $\frac{3}{4} \text{ of } x = 3$

14. 10 The sum of a number and six is 16. Find the number. $x + 6 = 16 \quad x = 10$

15. 7 A number diminished by 3 is 4. Find the number. $x - 3 = 4 \quad x = 7$

16. 6 Eight more than a number is 14. What is the number? $8 + x = 14 \quad x = 6$

17. 9 A number decreased by 5 is 4. Find the number. $x - 5 = 4 \quad x = 9$

18. 8 Five more than a number is 13. What is the number? $5 + x = 13 \quad x = 8$