



Name: _____

Date: _____

1. Solve for x : $7x = 49$

2. Solve: $x + 19 = 26$, $x =$ ____

3. Solve: $x - 14 = 7$, $x =$ ____

4. Solve for x : $3x + 3 = 33$

8

11

13

10

5. Solve: $\frac{x}{3} = 7$, $x =$ ____

6. "A number x plus 6 equals 21." Which equation matches?

$x + 21 = 6$

$x - 6 = 21$

$6x = 21$

$x + 6 = 21$



7. Solve for x : $8x = 72$

8. Solve for x : $7x = 28$

9. Solve: $x + 4 = 16$, $x = \underline{\hspace{2cm}}$

10. Solve: $x - 5 = 7$, $x = \underline{\hspace{2cm}}$

11. Solve for x : $5x + 10 = 55$

12. Solve: $\frac{x}{5} = 2$, $x = \underline{\hspace{2cm}}$

13. "A number x plus 7 equals 24." Which equation matches?

$7x = 24$

$x - 7 = 24$

$x + 24 = 7$

$x + 7 = 24$



14. Solve for x : $7x = 28$

15. Solve for x : $8x = 80$

16. Solve: $x + 9 = 12$, $x = \underline{\hspace{1cm}}$

17. Solve: $x - 9 = 10$, $x = \underline{\hspace{1cm}}$

18. Solve for x : $4x + 6 = 10$



Answer Key

1. $7x = 49$, so $x = 49 \div 7 = 7$.
2. $7x = 26 - 19 = 7$.
3. $21x = 7 + 14 = 21$.
4. $103x = 33 - 3 = 30$, so $x = 30 \div 3 = 10$.
5. $21x = 7 \times 3 = 21$.
6. $x + 6 = 21$ "x plus 6 equals 21" is $x + 6 = 21$.
7. $9x = 9$.
8. $47x = 28$, so $x = 28 \div 7 = 4$.
9. $12x = 16 - 4 = 12$.
10. $12x = 7 + 5 = 12$.
11. $95x = 55 - 10 = 45$, so $x = 45 \div 5 = 9$.
12. $10x = 2 \times 5 = 10$.
13. $x + 7 = 24$ "x plus 7 equals 24" is $x + 7 = 24$.
14. $4x = 4$.
15. $108x = 80$, so $x = 80 \div 8 = 10$.
16. $3x = 12 - 9 = 3$.
17. $19x = 10 + 9 = 19$.
18. $14x = 10 - 6 = 4$, so $x = 4 \div 4 = 1$.