



Name: _____

Date: _____

1. Solve for x : $9x = 9$

3

2

4

1

2. Solve: $x + 2 = 16$, $x =$ ____

3. Solve: $x - 2 = 16$, $x =$ ____

4. Solve for x : $5x + 3 = 43$

6

9

8

11

5. Solve: $\frac{x}{6} = 7$, $x =$ ____

6. "A number x plus 9 equals 21." Which equation matches?

$x + 21 = 9$

$9x = 21$

$x + 9 = 21$

$x - 9 = 21$



7. Solve for x : $5x = 35$

8. Solve for x : $9x = 108$

9. Solve: $x + 16 = 28$, $x = \underline{\hspace{2cm}}$

10. Solve: $x - 2 = 9$, $x = \underline{\hspace{2cm}}$

11. Solve for x : $4x + 10 = 50$

12. Solve: $\frac{x}{4} = 4$, $x = \underline{\hspace{2cm}}$

13. "A number x plus 5 equals 24." Which equation matches?

$x - 5 = 24$

$5x = 24$

$x + 5 = 24$

$x + 24 = 5$



14. Solve for x : $8x = 40$

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

16. Solve: $x + 4 = 15$, $x = \underline{\hspace{1cm}}$

17. Solve: $x - 19 = 1$, $x = \underline{\hspace{1cm}}$

18. Solve for x : $6x + 3 = 51$

- ☐ 7 ☐ 8 ☐ 9 ☐ 10



Answer Key

1. $9x = 9$, so $x = 9 \div 9 = 1$.
2. $14x = 16 - 2 = 14$.
3. $18x = 16 + 2 = 18$.
4. $5x = 43 - 3 = 40$, so $x = 40 \div 5 = 8$.
5. $42x = 7 \times 6 = 42$.
6. $x + 9 = 21$ "x plus 9 equals 21" is $x + 9 = 21$.
7. $7x = 7$.
8. $129x = 108$, so $x = 108 \div 9 = 12$.
9. $12x = 28 - 16 = 12$.
10. $11x = 9 + 2 = 11$.
11. $104x = 50 - 10 = 40$, so $x = 40 \div 4 = 10$.
12. $16x = 4 \times 4 = 16$.
13. $x + 5 = 24$ "x plus 5 equals 24" is $x + 5 = 24$.
14. $5x = 5$.
15. $98x = 72$, so $x = 72 \div 8 = 9$.
16. $11x = 15 - 4 = 11$.
17. $20x = 1 + 19 = 20$.
18. $86x = 51 - 3 = 48$, so $x = 48 \div 6 = 8$.