



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

Date: \_\_\_\_\_

1. Solve for  $x$ :  $5x = 50$

11

13

10

9

2. Solve:  $x + 14 = 16$ ,  $x =$  \_\_\_\_

3. Solve:  $x - 1 = 21$ ,  $x =$  \_\_\_\_

4. Solve for  $x$ :  $5x + 5 = 25$

5. Solve:  $\frac{x}{3} = 8$ ,  $x =$  \_\_\_\_

6. "A number  $x$  plus 3 equals 17." Which equation matches?

$x - 3 = 17$

$x + 3 = 17$

$x + 17 = 3$

$3x = 17$



7. Solve for  $x$ :  $4x = 28$

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8. Solve for  $x$ :  $3x = 15$

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9. Solve:  $x + 13 = 28$ ,  $x = \underline{\hspace{2cm}}$

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

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11. Solve for  $x$ :  $6x + 3 = 45$

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12. Solve:  $\frac{x}{3} = 5$ ,  $x = \underline{\hspace{2cm}}$

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13. "A number  $x$  plus 5 equals 19." Which equation matches?

$5x = 19$

$x + 19 = 5$

$x + 5 = 19$

$x - 5 = 19$

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14. Solve for  $x$ :  $8x = 48$

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15. Solve for  $x$ :  $7x = 84$

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16. Solve:  $x + 4 = 6$ ,  $x = \underline{\hspace{1cm}}$

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17. Solve:  $x - 4 = 11$ ,  $x = \underline{\hspace{1cm}}$

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18. Solve for  $x$ :  $5x + 8 = 28$

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## Answer Key

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1. **10**  $5x = 50$ , so  $x = 50 \div 5 = 10$ .
2. **2**  $x = 16 - 14 = 2$ .
3. **22**  $x = 21 + 1 = 22$ .
4. **4**  $5x = 25 - 5 = 20$ , so  $x = 20 \div 5 = 4$ .
5. **24**  $x = 8 \times 3 = 24$ .
6.  $x + 3 = 17$  "x plus 3 equals 17" is  $x + 3 = 17$ .
7. **7**  $x = 7$ .
8. **5**  $3x = 15$ , so  $x = 15 \div 3 = 5$ .
9. **15**  $x = 28 - 13 = 15$ .
10. **16**  $x = 12 + 4 = 16$ .
11. **7**  $6x = 45 - 3 = 42$ , so  $x = 42 \div 6 = 7$ .
12. **15**  $x = 5 \times 3 = 15$ .
13.  $x + 5 = 19$  "x plus 5 equals 19" is  $x + 5 = 19$ .
14. **6**  $x = 6$ .
15. **12**  $7x = 84$ , so  $x = 84 \div 7 = 12$ .
16. **2**  $x = 6 - 4 = 2$ .
17. **15**  $x = 11 + 4 = 15$ .
18. **4**  $5x = 28 - 8 = 20$ , so  $x = 20 \div 5 = 4$ .