Two-step equations with integers

NAME	DATE	SCORE / 16

Solve each equation.

1. $n \div 8 - 1 = -5$ _____

2. $14 + 2m = 12$ _____

3. $-15 + 6m = -3$ _____

4. $-4m - 14 = -22$ _____

5. $10 - 7y = 66$ _____

6. $n \div 9 + 19 = 18$ _____

7. $-2x - 19 = -21$ _____

8. $x \div 2 + 5 = 4$ _____

9. $4 - 9x = 22$ _____

10. $3x + 15 = 42$ _____

11. $-4 + 3n = -7$ _____

12. $8x + 5 = -3$ _____

13. $16 + 5m = -29$ _____

14. $8y - 11 = -11$ _____

15. $x \div 8 - 18 = -24$ _____

16. $8n - 10 = 54$ _____

Two-step equations with integers

1. $n \div 8 - 1 = -5$ **n = −32**
2. $14 + 2m = 12$ **m = −1**
3. $-15 + 6m = -3$ **m = 2**
4. $-4m - 14 = -22$ **m = 2**
5. $10 - 7y = 66$ **y = −8**
6. $n \div 9 + 19 = 18$ **n = −9**
7. $-2x - 19 = -21$ **x = 1**
8. $x \div 2 + 5 = 4$ **x = −2**
9. $4 - 9x = 22$ **x = −2**
10. $3x + 15 = 42$ **x = 9**
11. $-4 + 3n = -7$ **n = −1**
12. $8x + 5 = -3$ **x = −1**
13. $16 + 5m = -29$ **m = −9**
14. $8y - 11 = -11$ **y = 0**
15. $x \div 8 - 18 = -24$ **x = −48**
16. $8n - 10 = 54$ **n = 8**