

Single Variable 1-3

Name: _____

1. Solve the equations.

1) $7a = 56$

2) $8b = -72$

3) $11c = 23$

4) $-5d = 17$

5) $5f - 9 = 56$

6) $7g - 28 = 0$

7) $8h - 9 = 55$

8) $7j + 43 = 1$

9) $8k + 34 = 2$

10) $6m + 24 = -6$

11) $7n - 15 = 2n$

12) $13p - 8 = 22 - 2p$

13) $11q + 18 = 3q - 14$

14) $4(r - 4) = 3(4 - r)$

15) $6s = \frac{6}{7}$

16) $9s - \frac{1}{2} = \frac{2}{7}$

2. Simplify the equations.

1) $5(12 - 4) + 6 \times 8 =$

2) $6(5 + 4) \times (1 - 8) =$

3) $-4 \times (-9) =$

4) $-3 \times (-4) \times (-6) =$

5) $2(3 - 9) \times (-9) \div (-3) =$

6) $\frac{3}{4} - \left(-\frac{1}{6}\right) \div \left(-\frac{3}{6}\right) =$

7) $-3 - 8 \times 2 \div 4 - 5 =$

8) $-96 \div (-2) \div \{(-4) \div (2 - 4)\} =$

