



Working with Signed Numbers

A. Add:

1) $-11 + 3 =$ _____

4) $-2.4 + 0.6 =$ _____

2) $5 + (-5) =$ _____

5) $-\frac{5}{14} + \frac{3}{7} =$ _____

3) $-22 + (-8) =$ _____

B. Subtract:

1) $5 - 8 =$ _____

4) $0 - 22 =$ _____

2) $-8 - 2 =$ _____

5) $-\frac{5}{14} - \frac{3}{28} =$ _____

3) $8 - (-2) =$ _____

C. Multiply:

1) $8 \times 3 =$ _____

3) $9 \times -2 =$ _____

2) $-4 \times -5 =$ _____

4) $-3 \times -2 =$ _____

D. Divide:

1) $56 \div (-8) =$ _____

3) $-144 \div 12 =$ _____

2) $-39 \div (-13) =$ _____

4) $0 \div (-235) =$ _____

E. Evaluate:

1) $-32 - (-2) + 22 - 4 - 2 =$

2) $-32 \div \{(-8)(-3) - [15 - (-1)]\} =$



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3) $3 - [22 \div (-11)] =$

4) $(-22 - 22) - [22 - (-22)] + 22 =$

5) $5 \times (25 - 36) - [-19 - (-10)] =$

6) $-24.1 - 2(0.9 - 24.1) =$

7) $(-350 - 350) \div [-350 - (-350)] =$

SOLUTIONS

- A. (1) -8 (2) 0 (3) -30 (4) -1.8 (5) $\frac{1}{14}$
- B. (1) -3 (2) -10 (3) 10 (4) -22 (5) $-\frac{13}{28}$
- C. (1) 24 (2) 20 (3) -18 (4) 6
- D. (1) -7 (2) 3 (3) -12 (4) 0
- E. (1) -14 (2) -4 (3) 5 (4) -66 (5) -46 (6) 22.3 (7) undefined (dividing by zero)

