



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



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

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## 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)

