Integers Practice Test — Final

Give the integer suggested by the statement.

1. a loss of $10 −10
2. a surplus of $250 +250
3. fifty dollars lost −50
4. 600m above sea level +600
5. 15°C below zero. −15

Use the appropriate sign (> = <) to make the statement true.

1. $-7(<)-9$ 2. $-6(<)-8$ 3. $0(>)-3$ 4. $+8(=)8$

Put the following in order from least to greatest.

1. +4, -8, -1, +6, -1 (3 1 2 4 2) oops
2. +3, -4, +1, -10, +5 (4 2 3 1 5)

Add.

1. $(-6)+(-3)=-9$ 2. $(-2)+(+3)=+1$ 3. $(+1)+(-7)=-8$ 4. $(+5)+(-5)=0$
5. $(+12)+(-8)=+4$ 6. $(+6)+(-9)=-3$

Subtract.

1. $(+3)-(+7)=-4$ 2. $(0)-(-7)=+7$ 3. $(0)-(+6)=-6$ 4. $(-4)-(-5)=+1$
5. $(+2)-(-3)=+1$ 6. $(-14)-(+3)=-17$

Evaluate.

1. $(-4)+(-6)-(-12)=-2$
2. $(+2)+(-7)-(+1)=-6$
3. $(+3)-(+5)-(-7)=+5$
4. $(-14)-(-9)+(+6)-(-5)=+6$
5. $(+2)+(-6)+(-4)-(-3)+(+4)=-1$
6. $(-3)+(-2)+(+4)-(-7)+(+4)=+10$

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Multiply.

1. $(-6) \times (-3) =$ +18
2. $(-2) \times (+3) =$ -6
3. $(+1) \times (-7) =$ -7
4. $(+5) \times (-5) =$ -25
5. $(+12) + (+8) =$ +96
6. $(-3) + (-9) =$ +27

Divide.

1. $(-6) \div (-3) =$ +2
2. $(-12) \div (+3) =$ -4
3. $(+10) \div (-5) =$ -2
4. $(+25) \div (+5) =$ +5
5. $(+24) \div (-8) =$ -3
6. $(-27) \div (-9) =$ +3

Find a pair of numbers that satisfies the following conditions.

1. product of -6 — a sum of +1
   +3, -2
2. product of +4 — a sum of -4
   -2, -2
3. product of -10 — a sum of -3
   -5, +2
4. product of +16 — a sum of +8
   +4, +4

Evaluate using order of operations (BEDMAS).

1. $[(+2) + (+5)] \times -3 =$ -21
2. $(+20) \div [(+5) + (-1)] =$ +5
3. $(+3) \times (+2) + (-6) =$ 0
4. $[(+2) + (+8)] \times [(-3) - (+1)] =$ -40
5. $(+1) + (-3) \times (-3) - (+8) =$ +2
6. $[(+20) \div (+10)]^2 =$ +4
7. $[(+6) - (+9)]^2 =$ +9
8. $[(-8) \div (+8)]^3 - (+3) =$ -4