

INTEGERS 2

1) Write an integer to represent each situation:

NUMBER LINE



a) eleven degrees above zero	b) a loss of 27 euros	c) five degrees below zero
d) earnings of 100 dollars	e) 500 m below sea level	e) 1200 m above sea level

2) Compare the following with $<$, $>$ or $=$

a) -7 5	b) +37 +12	c) 8 -4
d) -3 -12	e) -17 -13	f) +5 5
g) -1 -11	h) -7 7	i) -18 0

3) Arrange in ascending order:

- a) -12, +3, 0, -1, -5, 5, +7, -18, 4
 b) 11, -7, -3, +1, -10, 8, +13, -15, 2

4) Arrange in descending order:

- a) -11, +7, 10, -1, -5, 15, -7, -15, 4
 b) 11, -17, +3, -1, 0, 8, +13, -18, 2

5) Work out these operations:

a) $(-7) + 5 - 12 =$	b) $(-8) - (-5) + 4 =$	c) $8 + 7 - (-4) =$
d) $[-3+2] - 3 + (-12) =$	e) $17 + 2 \times 3 - 5 =$	f) $(-5) - 1 + (-7) \times (-2) =$
g) $(-1) \times (-7) - (-3) \times 2 + 11 =$	h) $-7 \times 5 + 23 - (-2) =$	i) $(-18) - 4 + 5 \times (-1) =$

6) Work out these operations:

a) $(-7+2) + 5 - 12 : 3 =$	b) $(-8-5) + 4 \times 7 =$	c) $8 \times (-2) + 7 - (-4+12) =$
d) $-3 \times 5 + 2 \times (-12) =$	e) $(-170) : 5 + 8 \times 7 - 5 =$	f) $(-5) + 10 : 2 + (-7-2) =$
g) $(-1) \times (-7) - (-3) \times 2 + 11 =$	h) $-7 \times 5 + 23 - (-2) =$	i) $(-18) - 4 + 5 \times (-1) =$

7) The temperature was 13 degrees and dropped 20 degrees. What is the temperature now?



8) You have 270 euros in your checking account and write a check for 125 euros. What is your balance?

9) David and Patti went shopping for a birthday present for their teacher. Patti had 12 euros. How much money did David have if they had 30 euros altogether?



10) The highest elevation in North America is Mt. McKinley, which is 20 320 feet above sea level. The lowest elevation is Death Valley, which is 282 feet below sea level. What is the distance from the top of Mt. McKinley to the bottom of Death Valley?