

**Palomar College Math Placement Test Study Guide  
Prealgebra Topics**

**Topic 2: Operations with Integers**

1.  $13 + (-8) + 23 + (-19) =$
2.  $-12 - (-6) =$
3.  $(-3)(4)(-7) =$
4.  $-125 \div 5 =$
5.  $|-15| =$
6.  $16 - |5 - 12| =$
7. Write in order from smallest to largest: 0, 3, -2, -3
8.  $-4[(4)(-3) - (-1)] =$
9.  $48 - 8 \div 4 + 6 =$
10. The lowest temperature on a winter morning in Fairbanks, Alaska was  $-23^{\circ}$  F. By the afternoon the temperature reached  $8^{\circ}$  F. By how many degrees Fahrenheit did the temperature increase?

**Answers are on the next page.**

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**Answers:**

1. 9
2. -6
3. 84
4. -25
5. 15
6. 9
7. -3, -2, 0.3
8. 44
9. 52
10. The temperature increased by  $31^{\circ}\text{F}$ .