Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Unit 1 Test Review**

Write an integer for each situation

1. deposit of $10 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. A gain of $52 \_\_\_\_\_\_\_\_\_\_\_\_\_
3. A withdrawal of $20 \_\_\_\_\_\_\_\_\_\_\_\_\_
4. A loss of $12 \_\_\_\_\_\_\_\_\_\_\_\_\_
5. 1,000 feet above sea level \_\_\_\_\_\_\_\_\_\_

Evaluate each expression

1. |-11| - |6|= \_\_\_\_\_\_\_\_\_\_\_
2. |-4| + - 2= \_\_\_\_\_\_\_\_\_\_\_\_
3. -|1| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. |-20| \_\_\_\_\_\_\_\_\_\_\_

Solve

|  |  |
| --- | --- |
| 1. 2(43 – 3) + 8 ÷ 4 + ¼
 | 1. -4(42 – 6) + 4
 |
| 1. 32 – (3$∙$4) - 3
 | 1. $\frac{1}{2}\left(6+4\right)- \left(-\frac{15}{3}\right)$
 |

1. $4 \frac{2}{3}+ 5 \frac{5}{6}$
2. $\frac{2}{5}∙\frac{4}{10}$

]

1. $-\frac{1}{2} ÷ \frac{3}{4}$
2. **-17 – -10**
3. Order from least to greatest

15.5, 15½ , 15 $\frac{7}{8}$ , 15 $\frac{3}{8}$, 15.8

19) The table shows the record low temperatures for Des Moines, Iowa.

|  |  |
| --- | --- |
| **Month** | **Low Temperature (°F)** |
| January | -20 |
| February | -6 |

What is the change in temperature from January to February? (Write a number sentence and solve it; show work for full credit.)

20. Write two subtraction sentences to complete the fact family for each:

1. 7 + 3 = 10 b) -4 + n = 10

**Word Bank:**

Rational numbers

Absolute value

Additive inverse

Integer

Number sentence

Multiplicative inverse

Additive Identity

Distributive property

Associative property

Algorithm

Commutative property

1. A mathematical statement that gives the relationship between two expressions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. The distance the number is from zero on the number line \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Two numbers, a and b, that satisfy the equation a+b=0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Any number that can be written as a fraction \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. A set of rules for performing a procedure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. The product of a number and its reciprocal is 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. (7 + 3) + 5 = 7 + (3 + 5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-
8. 7 x 2 = 2 x 7 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-
9. The sum of any real number and zero will remain that number. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. Any number from the set … -3, -2, -1, 0, 1, 2, 3…
11. 3(2+10) = 3(2) + 3(10)