

## Summer Math Review 2016

Date \_\_\_\_\_ Period \_\_\_\_\_

**This packet is designed to help you remember the work you did in 7th grade. Show all your work. It will be your first graded assignment for Term I. You may NOT use a calculator!**

**Evaluate each expression.**

1)  $(-45) + 4 - (-1)$

2)  $(-11) - 46 + 22$

3)  $28 - (-47) + (-31)$

4)  $35 - (-27) - 38$

5)  $3.3 + 43.8 + (-28.1)$

6)  $(-24.5) + 35.8 - (-7.7)$

$$7) (-25.9) + (-41.8) - 14.2$$

$$8) 2\frac{3}{5} - \left( \left( -\frac{3}{7} \right) \right)$$

$$9) \left( -3\frac{3}{4} \right) + \left( -3\frac{4}{5} \right)$$

$$10) 1 - \left( \left( -\frac{5}{3} \right) \right)$$

$$11) 3\frac{4}{5} + \left( -1\frac{1}{2} \right)$$

$$12) 2\frac{3}{7} + \left( -3\frac{1}{4} \right)$$

$$13) \left( -\frac{4}{3} \right) - 3\frac{5}{6}$$

**Find each product.**

14)  $(-14.8)(-10.09)$

15)  $(13.8)(-19.8)$

16)  $(-9.7)(-3.4)$

17)  $(2)\left(-\frac{5}{7}\right)$

18)  $\left(-3\frac{1}{2}\right)\left(-\frac{2}{3}\right)$

19)  $(3)\left(-\frac{1}{3}\right)$

**Find each quotient.**

20)  $644 \div 23$

21)  $-414 \div 18$

22)  $154 \div 22$

23)  $-25 \div -1$

**Find each quotient. Round your answer to the hundredths place.**

24)  $-11.64 \div 14.6$

25)  $0.22 \div 2.1$

26)  $2.3 \div 10.5$

27)  $9.8 \div 2$

**Evaluate each expression.**

28)  $(16 - 2 \times 2) \div 4 - 2$

29)  $(2 - 1) \times (6 - 1) \times 4$

**Simplify each expression.**

30)  $4x + 6x$

31)  $5 + 3x - 10$

32)  $7 - 8a + 4a - 8$

33)  $-2(x - 2)$

$$34) -3(1 - n)$$

$$35) -2(p - 1)$$

**Solve each equation.**

$$36) \frac{x}{9} - 6 = -4$$

$$37) \frac{3 + b}{14} = 1$$

$$38) 4x - 12 = -92$$

$$39) \frac{b}{8} + 3 = 6$$