

Tuesday

**NO CALCULATOR****1. Add or subtract.**

a.  $14 - (-9)$

b.  $12.3 + 8.5 - 10.2$

c.  $-18 - 22 + 7$

d.  $-6 - 33 - (-10)$

**2. Multiply or divide.**

a.  $(-6)(9)$

b.  $(10)\left(\frac{2}{5}\right)$

c.  $\frac{2}{7} \div \frac{9}{14}$

d.  $(-6)(-7)\left(-\frac{1}{3}\right)$

**3. Combine like terms.**

$$-10 - 7x + 24 - 2x$$

**4. Distribute.**

$$10\left(\frac{1}{5}x + 7\right)$$

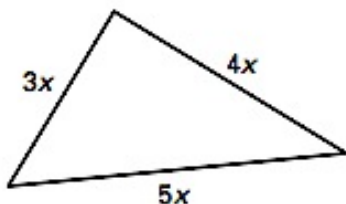
**5. Distribute and combine like terms.**

$$-(x - 12) + 5x$$

**6. Evaluate the expression.**

$$4 - x; x = 19$$

Wednesday

**NO CALCULATOR****1a. Write an expression for the perimeter of the given triangle.****1b. What is the value of the perimeter of the triangle, in feet, if  $x=3$** **3. Write an expression in exponential form.**

$$a \cdot a \cdot a \cdot b \cdot b \cdot b \cdot b$$

**4. Write an expression in exponential form.**

$$4 \cdot 4 \cdot 4 \cdot 4 \cdot 4$$

**5. Use order of operations to simplify the expression.**

$$16 + 8 \div 4 + 2$$

**6. Use order of operations to simplify the expression.**

$$2[(9 - 8)^2 + (12 - 5)^2]$$

Thursday

**NO CALCULATOR**

**1. Simplify the expression**

a.  $6 - (-x)$

b.  $6x + 8 - 2x$

c.  $\frac{4}{5}m - \frac{1}{5}m$

d.  $10 - |-x|$

**2. State the inverse operation used to solve each equation.**

a.  $1.5p = 12$

b.  $x - (-1) = 9$

c.  $m \div 3 = 7$

d.  $\frac{x}{5} = 10$

**3. Distribute and combine like terms.**

$$-2(n - 7) + 5(3n + 2)$$

**4. Evaluate the expression.**

$$\frac{m}{3}; m = 27$$

**5. Evaluate the expression.**

$$\frac{3}{5} + s; s = \frac{1}{2}$$

**6. Evaluate the expression.**

$$\frac{4}{9}x; x = \frac{3}{8}$$

Friday

**NO CALCULATOR**

**1. Convert the mixed number to an improper fraction.**

a.  $2\frac{3}{8}$

b.  $-5\frac{1}{4}$

**2. Combine like terms.**

$$4x - (-13y) + y + 7x$$

**3. Solve. Justify your steps.**

$$2p = -38$$

**4. Simplify the expression.**

$$(-5)(w)(-w)(w)$$

**5. Write and solve the problem and specify the units of measure.**

At a gas station you buy 15 gallons of gas. The total cost is \$60. What is the cost per gallon?

**6. Solve.**

$$m - 10 = -3$$