Week of: *2/6/17-2/10/17* **Name** _____

7TH MATH SPIRAL REVIEW

MONDAY

Simplify.

12/34____ 14/32____

56/95____ 98/71____

Assume the missing quantity is -12 find the sum or difference.

n+79>2_____ 5-13w<-3_____

Order from least to greatest.

0.27%, 14/12, 0.037

_____

0.27%, 14/12, 0.037

_____

-½, 0.5, ⅝, 67%, -67%

_____

Subtract.

876,654-97,000_____

312-77_____

435-81_____

234-19_____

Multiply.

9•17_____. 87•90_____

23•45_____ 76•56_____

45•37_____ 96•32_____

Simplify.

(12b+19)+(3a-8)_____

(8x-14)-(-4x+8)_____

Divide.

76/62_____

47/65_____

47/73_____

98/81_____

7/14÷1/2_____

1/4÷8/64_____

3÷3/9_____

0.51÷0.11_____

Put the decimal as a percent and a percent as a decimal.

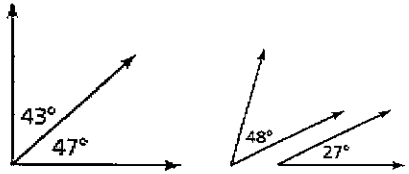
10%____ 15.1_____

12.71____ 71%_____

78%____ 38%____

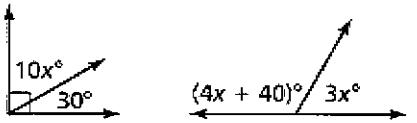
78%____ 81%____

Tell whether the angles are complementary, supplementary, or neither.



_____ _____

Tell whether the angles are complementary or supplementary. Find x.



_____ _____

TUESDAY

Find the absolute value.

|-28|_____ |76|_____

|-98|_____ -|17|____

Complete statement using <,>, and =.

|4|____|-8| 13____|-13|

12____-9 -12____|-11|

|-32| _____ |98| -|72|_____|72|

|-6|_____|9| |18|_____|18

Solve.

What number is 295% of 90?

_____

18 is 75% of what number?

_____

7 is 70% of what number?

_____

Solve.

10/18=22/x_____

8/x=13/16_____

Is this proportional?

X	0	18	24	32
Y	6	12	18	24

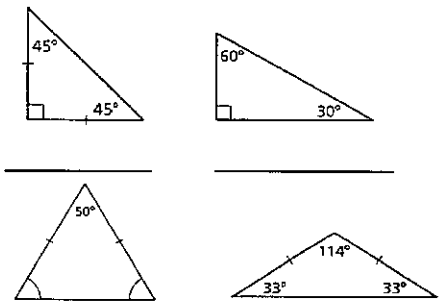
_____

Solve the proportion.

$$\frac{7}{s-4} = \frac{3}{s}$$

_____

Classify the triangles.

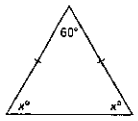
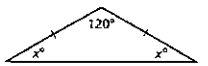
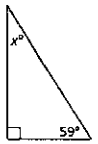
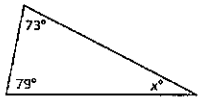
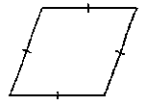
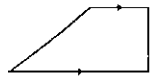
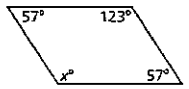
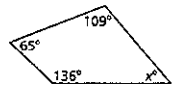


_____ _____

Draw a triangle with the given angle measures.

28°, 42°, 110°

67°, 98°, 15°

W E D N E S D A Y	**Are the fractions portional?** 8/7=6/5____ ½=7/14____ 11/17=5/11____ **Solve the equation if y=6 and z=3.** y/12=7____ z+y+7=34____ **Find the annual interest rate.** I=230, p=4193 t=38 months _____	**Find the amount of time.** I=60, p=600, r=2% _____. **Find the amount paid for the loan.** $576 at 7% for 46 months. _____ 17 gallons increased by 67%. _____ 74 feet decreased by 8%. _____	**Solve.** 32 is what percent of 127. _____ What is 63 percent of 100? _____ **Find the selling price.** Cost to store:$24 Markup:15% Selling Price: _____ Cost of an oil change: $21.95 Markup: 65% Selling Price: _____	**Classify the triangles. Solve for x.**   _____ _____   _____ _____ **Tell whether a triangle can have the given angle measures. If not, change the first measure to make a triangle.** 25°, 64°, 91° 55.5°, 94°, 31.5° 85°, 64°, 30°
T H U R S D A Y	**Find the interest rate.** Rebecca wants to borrow $500 to buy her favorite video game player and a couple of games. She asks a friend to lend her this amount, offering to pay him back $548 in 9 months. What is the annual interest rate for this short term loan? _____ **Find the percent error.** Your guess:36 Actual:53 _____ _____ Guess: 621 Actual: 1231 _____ _____	**Find the percent of change. State whether it is an increase or a decrease.** From 10 to 12inches _____ _____ From 98 to 12 feet _____ _____ 63 inches to 22 inches _____ _____ 863 texts to 108 texts _____ _____	**Solve.** 7-y=-3_____ -15-z=13_____ **Solve the proportion.** One package of blueberries costs $3. How many packages of blueberries can you buy for $9? _____ $\frac{3}{4} = \frac{7n+13}{19}$ _____	**Classify the quadrilateral.**   _____ _____ **Classify the quadrilateral and solve for x.**   _____ _____ _____ _____