

MONDAY

Patterning and Algebra

- 1 Solve for a .

$$\frac{690}{a} = 6.9$$

- 2 Evaluate the expression for $k = -5$.

$$k + 9$$

- 3 Find the missing number in the sequence.

100 300 900 _____ 8,100

- 4 Use the formula to convert the temperature from degrees Celsius to degrees Fahrenheit.

$$^{\circ}\text{F} = \left(\frac{9}{5} \times ^{\circ}\text{C}\right) + 32$$

$$-12^{\circ}\text{C} = \text{_____}^{\circ}\text{F}$$

TUESDAY

Number Systems and Operations

- 1 Write the coordinate pairs for each point.

A _____ B _____ C _____

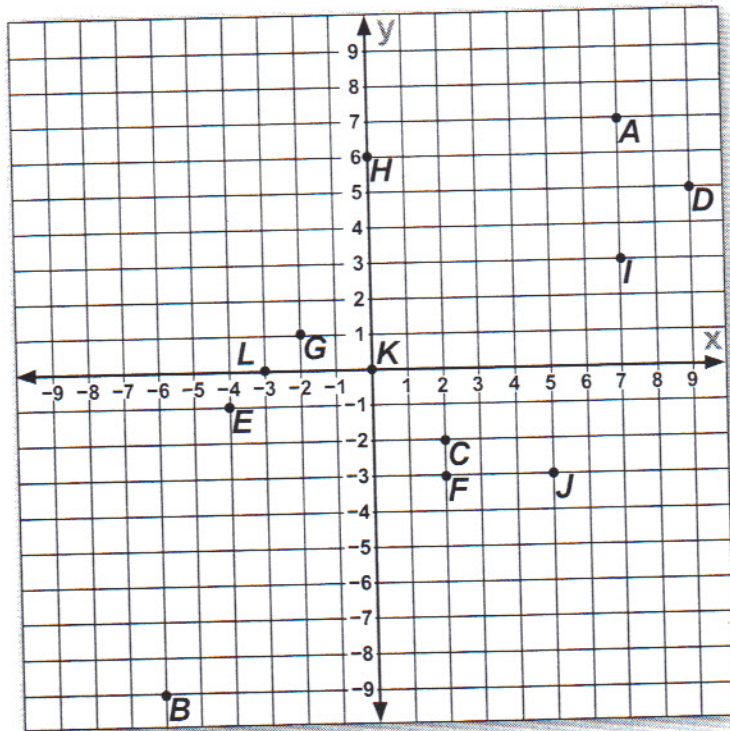
D _____ E _____ F _____

G _____ H _____ I _____

J _____ K _____ L _____

- 2 Write the coordinate pair for the reflection of G in the x -axis.

G' _____



WEDNESDAY

Geometry

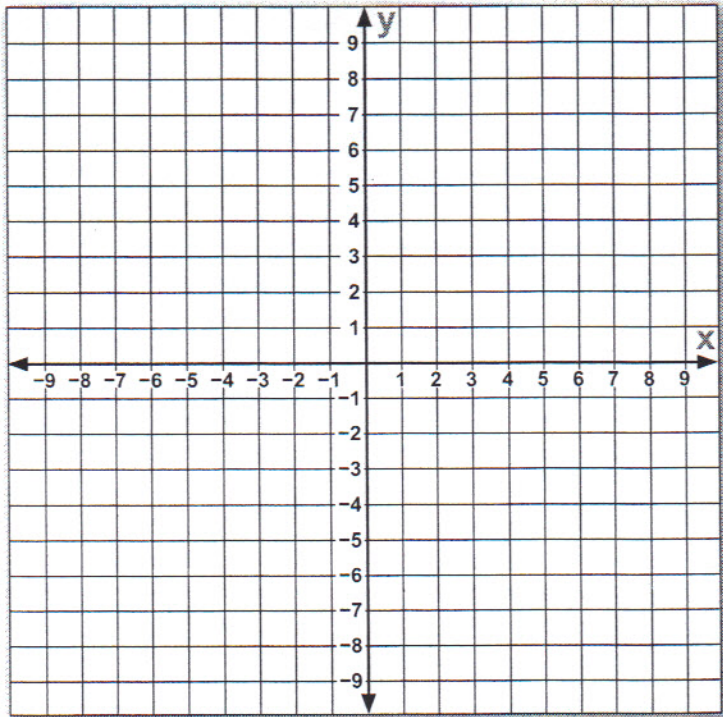
- 1** Plot the coordinates of the vertices of triangle ABC .

$A(2, 1)$ $B(2, 6)$ $C(9, 1)$

- 2** Find each length.

AB _____ units

AC _____ units



THURSDAY

Ratios and Measurement

- 1** Jill earns \$56 for working 7 hours.
Diane earns \$102 for working 12 hours.
Write each girl's unit rate of pay.
Who has a better hourly rate of pay?

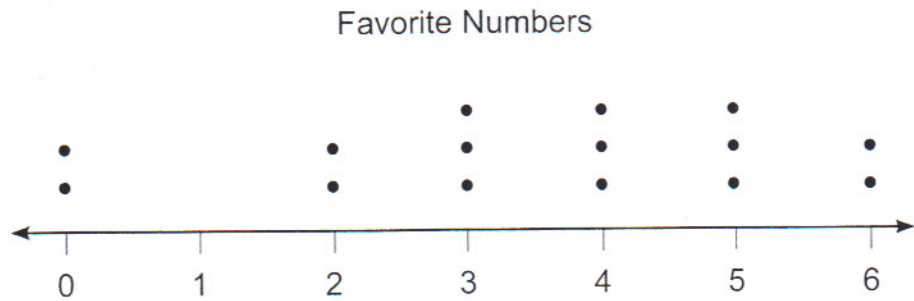
- 2** How much time has elapsed
between 08:45 and 16:20?

- 3** Compare the following using $>$, $<$, or $=$.

1 ton 2,000 pounds

- 4** Daniel buys two apples for
every five oranges. If he bought 12 apples,
how many oranges did he buy?

Ellen recorded her friends' favorite numbers. She created a dot plot to show the data.



- 1** How many students are represented in the set of data? _____
- 2** Find the mean and median. Mean: _____ Median: _____
- 3** What does each value mean? Mean: _____ Median: _____
- 4** Find the range and mean absolute deviation of the data.
Range: _____ Mean absolute deviation: _____
- 5** How can you use these measures of variation to describe the spread of data?

BRAIN STRETCH



Chris wants to buy some pop for a party. He can buy a case of 24 cans or he can buy 4 six-packs of cans. The case costs \$8.44 and each six-pack costs \$2.85. Which is the better buy?