

MONDAY

Patterning and Algebra

- 1** Use exponents to write the expression.

$$5 \times 5 \times 5 \times 5 \times 5$$

- 2** Evaluate the expression for $h = 3$.

$$12h - h^2$$

- 3** Solve for b .

$$\frac{b}{24} = \frac{1}{4}$$

- 4** What is the pattern rule?

500, 50, 5, 0.5, 0.05, 0.005

TUESDAY

Number Systems and Operations

- 1** Write the coordinate pairs for each point.

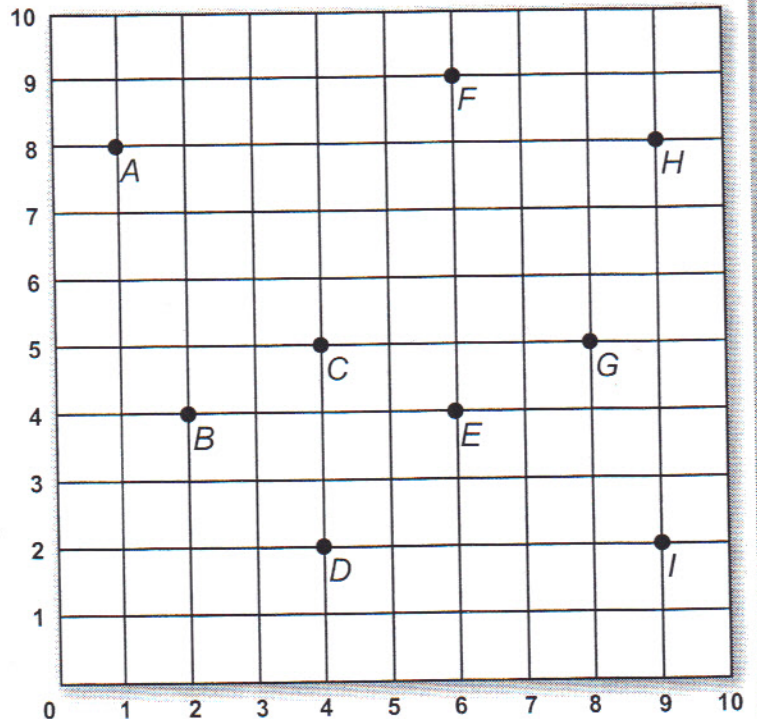
A _____ B _____ C _____

D _____ E _____ F _____

G _____ H _____ I _____

- 2** What is the distance between points B and E ? _____

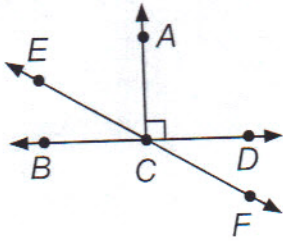
- 3** What is the distance between points H and I ? _____



WEDNESDAY

Geometry

1

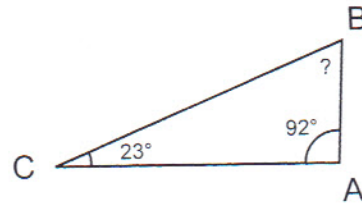


a) Name a pair of complementary angles.

b) Name a pair of supplementary angles.

c) Name a pair of adjacent angles.

2 Calculate the measure of the missing angle and name the triangle.



3 Draw a net for a triangular prism. Cut your net out and fold it. Does it make a triangular prism?

THURSDAY

Ratios and Measurement

1 Write the following as a ratio.

wheels on a bicycle to
wheels on a skateboard

What kind of ratio is this?

2 Find the unit rate.

36 cookies in 4 boxes

= _____ cookies per box

3 What is 18% of \$170?
Use a model to show your thinking.

4 Baycrest Car Dealership sells 5 silver cars for every 2 red ones. If the dealership sold 50 red cars last year, how many silver cars did they sell?

The grade 6 classes were asked if they wanted to go to Washington, DC, for their end-of-the-year field trip. There are a total of 64 students in grade 6. Here are their responses:

Yes		No		Undecided	
Boys	Girls	Boys	Girls	Boys	Girls
16	20	4	2	4	8



1 Complete and label a double bar graph to show the data.



2 Did all the students in grade 6 vote? Explain. _____

3 What is the ratio of boys who voted to girls who voted? _____

4 Write two conclusions that you can make from the graph.

BRAIN STRETCH



- A tin of Purrfect Cat Food is on sale for 25% off.
- If its regular price is \$3.20, what is its sale price?
 - How many tins can you buy for \$5.00?