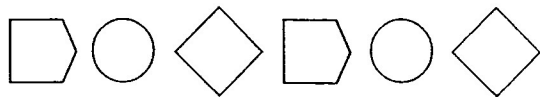


# MONDAY Patterning and Algebra

**1** What will be the 9th term in this pattern?



**2** Use exponents to write the expression.

$$12 \times 12 \times 12 \times 12 \times 5 \times 5$$

**3** Evaluate the expression.

$$29 + 14 - 3^3 \div 2$$

**4** Write and evaluate the two expressions represented by  $12 \pm 8$ .

# TUESDAY Number Systems and Operations

**1** List the prime numbers between 60 and 80.

**2** Lisa attended 72% of 32 school events. How many school events did Lisa **not** attend?

**3** Round 56,879.8 to the nearest hundred.

**4**  $1\frac{2}{5} + 3\frac{2}{3} =$

# WEDNESDAY

## Geometry

1 What type of angle is this?



2 What is the sum of the interior angles of a triangle?

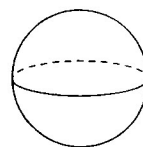
3 How many vertices and sides does a rhombus have?

Vertices \_\_\_\_\_

Sides \_\_\_\_\_

4 Name this 3D shape. \_\_\_\_\_

How many edges, faces, and vertices does it have?



Edges \_\_\_\_\_

Faces \_\_\_\_\_

Vertices \_\_\_\_\_

# THURSDAY

## Ratios and Measurement

1 20 cups = \_\_\_\_\_ quarts  
Fill in the table to help you.

Cups	4					
Quarts	1					

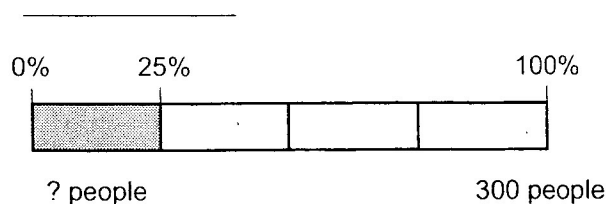
2 Compare the following using  $>$ ,  $<$ , or  $=$ .

2 months  65 days

3 Are these ratios equivalent?  
Explain why you think so.

1 : 4    3 : 10

4 In a survey of 300 people, 25% chose chocolate chip as their favorite ice cream flavor. How many people chose chocolate chip?



This table shows the total number of runs scored by local basketball teams so far this season:

Team	# of Runs Scored
Panthers	68
Pumas	62
Tigers	59
Giraffes	50
Ravens	50
Mustangs	28
Stingrays	26



**1** Which team is leading in runs scored? \_\_\_\_\_

**2** What is the range of the data? \_\_\_\_\_

**3** What is the mean of the data? \_\_\_\_\_

**4** Which graph would you use to display this data? Justify your answer.

\_\_\_\_\_

\_\_\_\_\_

## BRAIN STRETCH



How many squares can you find below?

