

MONDAY

Patterning and Algebra

- 1** Simplify the expression.

$$8(8b + 1)$$

- 2** Evaluate the expression.

$$4^2 - (2^3 + 6)$$

- 3** Complete the function table.

Rule: $b = n \times 3$

Input (n)	Output (b)
	27
	90
	66
	300
	16

- 4** Complete the sentence using $<$, $>$, or $=$.

$$7.4 + 0.9 \quad \square \quad 8.6$$

TUESDAY

Number Systems and Operations

- 1** Find the greatest common factor of 16 and 24.

- 2** Order the numbers from greatest to least.

$$\frac{4}{20}, 0.05, 67\%$$

- 3** Write 89.5% as a decimal.

- 4** Estimate then find the difference.

$$97.7 - 3.08$$

- 5** There are 48 DVDs of comedies and dramas on the shelf. If 25% of the DVDs are comedies, how many DVDs are dramas?

estimate _____

answer _____

WEDNESDAY

Geometry

1 How many lines of symmetry?

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3 The angle around the center of a circle is called a full angle.



a) How many degrees are in a full angle? _____

b) How many right angles fit into a full angle? _____

c) How many straight angles fit into a full angle? _____

2 Name a quadrilateral that has four equal sides.

4 Name this 3D shape. _____

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



Edges _____

Faces _____

Vertices _____

THURSDAY

Ratios and Measurement

1 Compare black circles to white circles. Write the ratio. How many black circles will there be if there are 12 white circles? Explain.



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

206 minutes 3 hours

3 If Ellie can bike 30 miles in 2 hours, how many miles can she bike in 4 hours? Fill in the table. What is her rate per hour?

Hours	Miles
1	
2	30
3	
4	

4 In a class of 30 students, 18 are girls. What is the ratio of girls to boys?

Georgina's assignment for her media literacy class was to find which movie genre grade 6 students like best. There are 65 grade 6 students in Georgina's school. She surveyed all the grade 6 girls. Here are her results:

Comedy	Horror	Drama	Animation

- 1 What survey question do you think Georgina used?

- 2 How many people did Georgina survey? _____
- 3 What is the range of the data? _____
- 4 Write the movie genres in order from the most popular to the least popular.

- 5 Are the results of this survey representative of the grade 6 population at Georgina's school? Explain.

BRAIN STRETCH

A bus travels at a speed of 80 km/hr.

- a) How far will it go in 5 hours?
- b) How far will it go in 10 hours?