

MONDAY

Patterning and Algebra

- 1** Write an algebraic expression for this description.

29 less h

- 2** Find the missing number in the sequence.

-21, -11, _____, 9

- 3** How many terms are in this expression?

$6n + 4 - 2n^2$

- 4** What will be the 8th term in this pattern?

310, 285, 260, 235, 210

TUESDAY

Number Systems and Operations

- 1** Write 77.01 in expanded form.

2 $3.456 + 4.51 =$

- 3** Write an integer to represent 30 degrees below zero.

- 4** What is the greatest common factor of 18 and 72?

5 $13\frac{9}{20} - 5\frac{4}{10} =$

WEDNESDAY

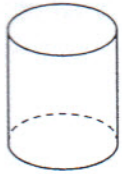
Geometry

1 If a triangle has one angle that is 20° and one angle that is 40° , what is the third angle?

2 How are a square and a rectangle the same?

3 Name this 3D shape. _____

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

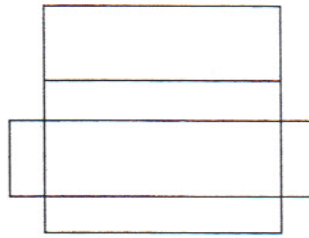


Edges _____

Faces _____

Vertices _____

4 What 3D shape can you make with this net?



THURSDAY

Ratios and Measurement

1 Write the ratio: \$2 compared to \$8.
Write an equivalent ratio.

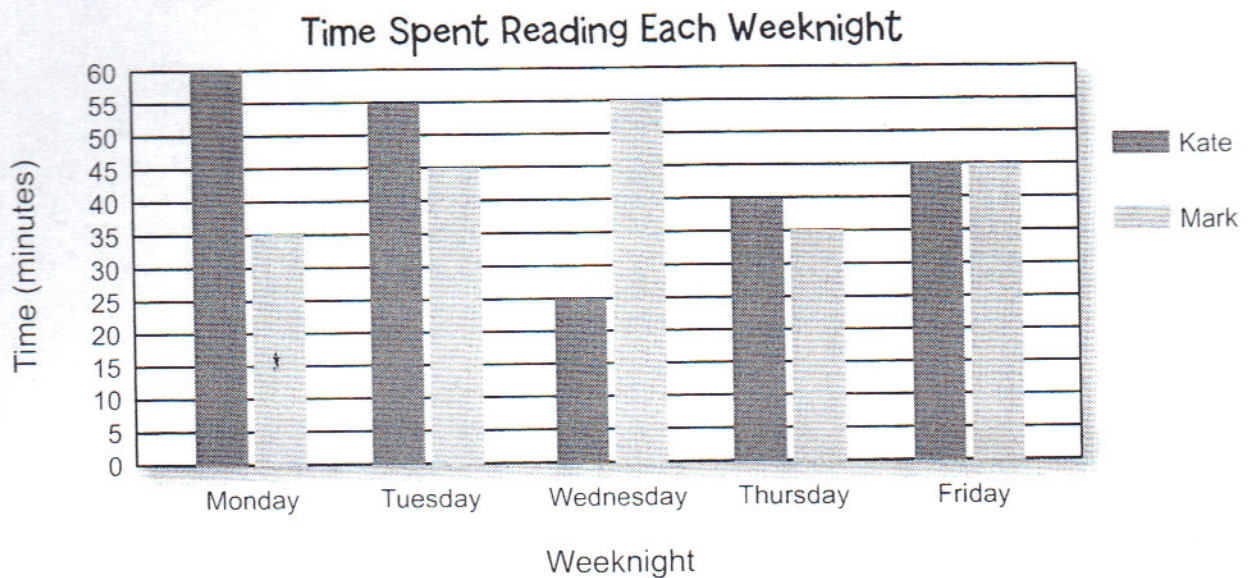
2 Compare the following using $>$, $<$, or $=$.

8 kilograms 8,000 grams

3 Lara ate 24 cookies from a box of 40.
What percent of the cookies did Lara eat?
Use a model to show your thinking.

4 John drove 360.5 miles in 6.5 hours.
At that rate, how far can John drive in 8.2 hours? Round your answer to one decimal place.

This double bar graph shows how many minutes Kate and Mark spent reading each weeknight.



- 1** On what night of the week did Mark spend more time reading than Kate? _____
- 2** On Monday, how many fewer minutes did Mark spend reading than Kate? _____
- 3** Who spent less time reading on Thursday? _____
- 4** What was the range of the time Kate spent reading? _____
- 5** On what day of the week did Kate and Mark read for the same number of minutes?

BRAIN STRETCH



This equation shows the relationship between the number of cookies Billy can bake (variable c) and the number of additional tablespoons of chocolate chips (variable a) he adds to the dough:

$$c = 3a$$

If Billy uses 9 additional tablespoons of chocolate chips, how many cookies can he bake in total?