

MONDAY Patterning and Algebra

- 1** Find three values for h that make the inequality true.

$$h > 12$$

- 2** Write 125 as a power with base 5.

- 3** Fill in the missing operation.

$$83 \times 1 - 46 \square 5 = 42$$

- 4** Write the first three terms in this pattern:
Start at 2.5 and add 8.5 each time.

_____, _____, _____

TUESDAY Number Systems and Operations

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

5.22, 5.5, 5.6, 5.1

- 3** Find the least common multiple of 2, 6, and 12.

- 4** Change the mixed number to an improper fraction.

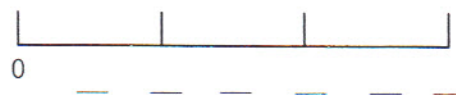
$$3 \frac{2}{5}$$

- 2** Jon has $\frac{2}{3}$ of an hour to do some training. It takes him $\frac{1}{6}$ of an hour to run one trail. How many times can he run the trail?

The number line shows thirds. Jon says he can find how many sixths are in two-thirds, by dividing each third in half to make sixths. Label the sixths on the diagram. Circle each group of sixths.

There are _____ sixths in two thirds,

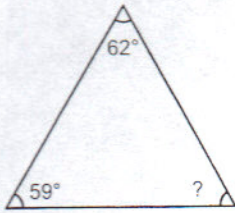
so Jon can run the trail _____ times.



WEDNESDAY

Geometry

- 1** Calculate the measure of the missing angle and name the triangle.



- 2** A square has area 16 cm^2 .
How long is each side?

- 3** How are a triangle and a hexagon different?

- 4** Draw a net for a cube.
Cut your net out and fold it.
Does it make a cube?

THURSDAY

Ratios and Measurement

- 1** Is the following statement true or false?
Explain.

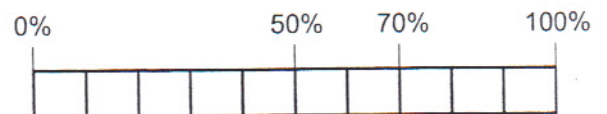
$3 : 5$ is equivalent to $6 : 8$

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

90 meters 900 centimeters

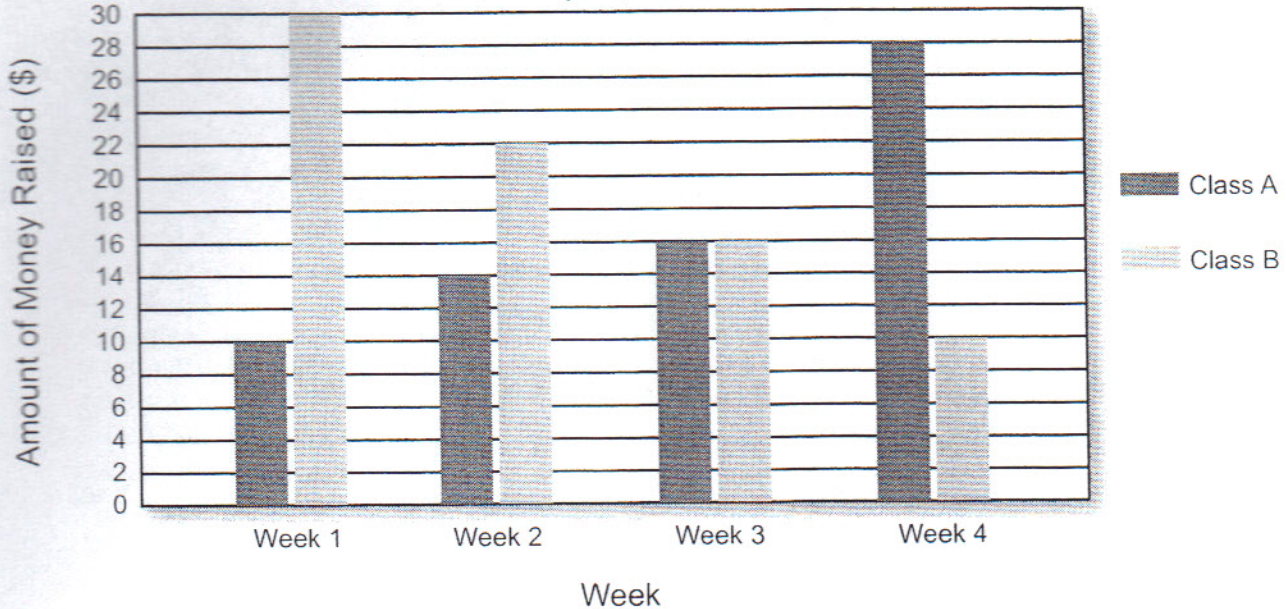
- 3** In a class of 40 students, 22 are girls.
What is the ratio of girls to boys?

- 4** If 50% of a number is 80,
what is 70% of the number?
Complete the model to show your thinking.



This double bar graph shows how much money two classes collected for a field trip.

Field Trip Fundraising



- 1 Which class raised the most money? _____
- 2 How much money did class A raise in weeks 3 and 4? _____
- 3 In what week did both classes raise the same amount of money? _____
- 4 How much money did class B raise in weeks 1 and 2? _____
- 5 What trends do you notice from the graph? _____

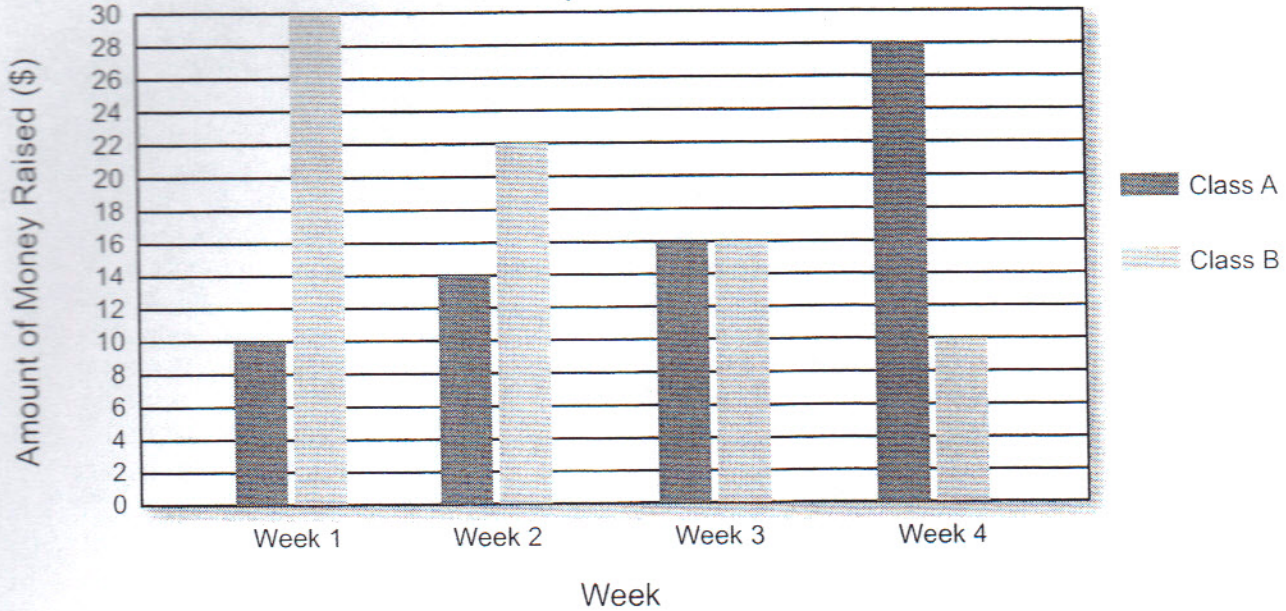
BRAIN STRETCH



A cookie factory produces 4,630 cookies a day. If the cookies are put in boxes of 24, how many boxes are needed each day? Round your answer to the nearest whole number.

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