

MONDAY

Patterning and Algebra

1. Create a shrinking pattern.

answers will vary

15, 14, 13, 12 ...

2. Make the statement true:

$$30 + 50 = 70 + 10$$

(80) (80)

answers will vary

*make both sides equal

3. Are these differences equal?

$$30 - 18 \neq 20 - 6$$

12 14

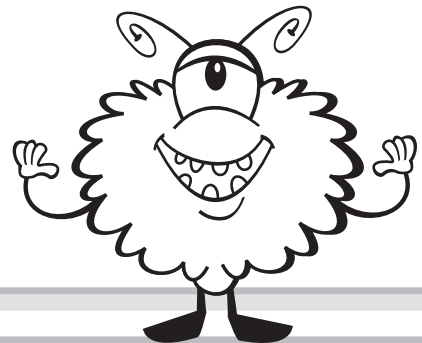
NO

4. Extend the pattern:

144, 134, 124, 114, 104, 94, 84

5. What is the pattern rule for question number 4?

-10



TUESDAY

Number Sense

1. Divide:

$$42 \div 7 = 6$$

2. Divide:

$$62.9 \div 10 = 6.29$$

move the decimal 1 space to the left (because 1 zero in 10)

3. Multiply:

$$5 \times 9 = 45$$

4. Divide:

$$\begin{array}{r} 70 \\ 6 \overline{) 420} \\ \underline{-42} \\ 00 \end{array}$$

check: $6 \times 70 = 420$

6	70	0
6	420	0

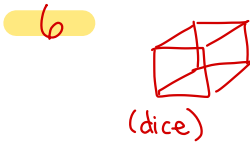
5. A basket holds eight pears. How many pears do six baskets hold?

8 8 8 8 8 8 $6 \times 8 = 48$ pears

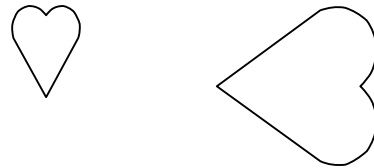
WEDNESDAY

Geometry and Spatial Sense

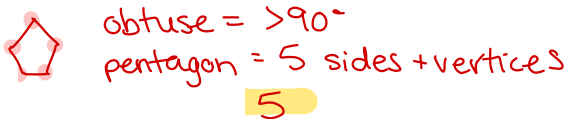
1. How many faces does a cube have?



2. Are these shapes **similar** or congruent?



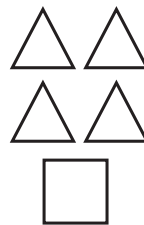
3. How many inside obtuse angles does a pentagon have?



5. Draw a pair of congruent shapes.



4. What 3D figure can be made with these pieces?



square based pyramid



THURSDAY

Measurement

1. What measuring tool would you use to find the mass of your body?

scale (kgs)

2. Find the area of this rectangle:



area = height \times base

$$6 \begin{array}{|c|c|} \hline 3 & 0.6 \\ \hline \hline 18 & 3.6 \\ \hline \hline 21.6 & \\ \hline \end{array}$$

6×3.6 multiply without decimal then put 3 it back in

$$\begin{array}{r} 3.6 \\ \times 6 \\ \hline 21.6 \text{ cm}^2 \end{array}$$

3. A bucket can hold about:

- A. 6 L of water
B. 6 drops of water
C. 6 ml of water

4. Katelyn took 3 hours and 20 minutes to finish reading a book. How many minutes was that in total?

$$1 \text{ hr} = 60 \text{ m}$$

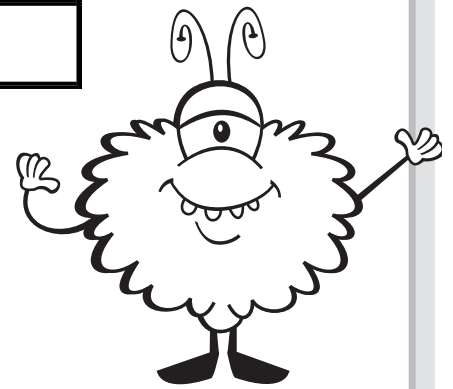
$$3 \times 60 = 180 + 20 = 200 \text{ mins.}$$

5. 2 years = 104 weeks

$$1 \text{ yr} = 52 \text{ wks} \quad 2 \times 52 = 104$$

Here are the results of a Favourite Sport Survey.
Complete the chart and answer the questions about the results.

Snack	Tally	Number
Basketball		18
Baseball		9
Football		7
Soccer		15



1. What was the most popular sport? _____
2. What was the least popular sport? _____
3. How many people liked either soccer or football? _____

BRAIN STRETCH

Madelyn practices the violin for 6.5 hours a week.

1. How many hours a month does she practice?
2. How many hours a year does she practice?