

MONDAY

Patterning and Algebra

1. Complete the following:

$$395, 399, 403, 407, \underline{411}, \underline{415}, \underline{419}$$

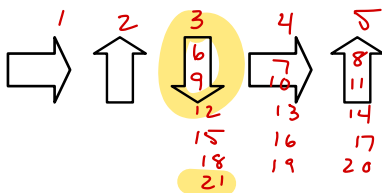
+4 +4 +4 +4 +4 +4

2. Write the first three numbers for this pattern rule:

start at 177, subtract 11

$$\underline{177}, \underline{166}, \underline{155}, \underline{144}$$

3. What will be the 21st shape in this pattern?:



5. $45 \div \underline{5} = 9$



4. Each spider has 8 legs. How many legs do 17 spiders have?

$$8 \times 17$$

traditional algorithm:

$$\begin{array}{r} 5 \\ 17 \\ \times 8 \\ \hline 136 \end{array}$$

136 legs

Box method:

$$\begin{array}{r} 10 \quad 7 \\ 8 \boxed{80} \boxed{56} \overset{80}{+56} \\ \hline 136 \end{array}$$

TUESDAY

Number Sense

1. Write four and eighteen hundredths in numbers.

$$\underline{4.18}$$

2. Write 34 011 in expanded form.

$$\underline{30,000 + 4,000 + 10 + 1}$$

3. Subtract $60.59 - 32.34$:

* line up the decimals

$$\begin{array}{r} 5 \\ 60.59 \\ - 32.34 \\ \hline 28.25 \end{array}$$

4. Put the following numbers in order from least to greatest:

1, 0.8, 1.1, 1.01

$$\underline{0.8}, \underline{1}, \underline{1.01}, \underline{1.1}$$

5. Don bought three books at the book store. Two of them were \$9.99 each and one was \$12.99. What was the total for all three books?

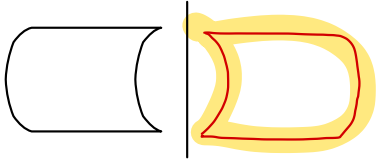
$$2 \times 9.99 + 12.99$$
$$\begin{array}{r} 9.99 \\ \times 2 \\ \hline 19.98 \end{array}$$
$$\begin{array}{r} 19.98 \\ + 12.99 \\ \hline 32.97 \end{array}$$

\$32.97

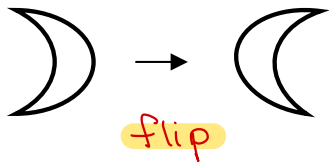
WEDNESDAY

Geometry

1. Reflect this shape.



3. Look at the shapes. Choose flip, slide or turn.



5. What 3D figure does this object look like?

sphere

2. What kind of polygon is a square?

quadrilateral

4. What is the measure of the missing angle?

* all triangles will add to 180°

A. 25°

B. 17°

C. 19°



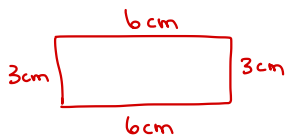
$$\begin{array}{r} 127 \\ + 34 \\ \hline 161 \end{array}$$

$$\begin{array}{r} 180 \\ - 161 \\ \hline 19 \end{array}$$

THURSDAY

Measurement

1. Draw a rectangle with a perimeter of 18 cm.

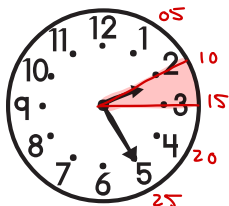


answers will vary

2. What device or tool would you use to find the size of an angle?

protractor

3. What time is it?



2:25

4. What unit of measurement would you use to find the mass of a car?

kg / ton

5. 25 litres = 25,000 millilitres

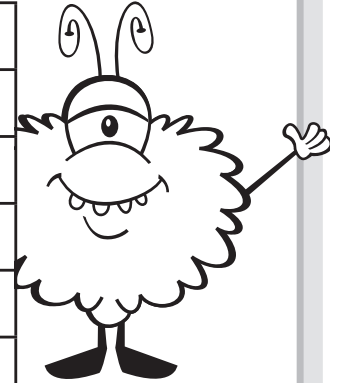
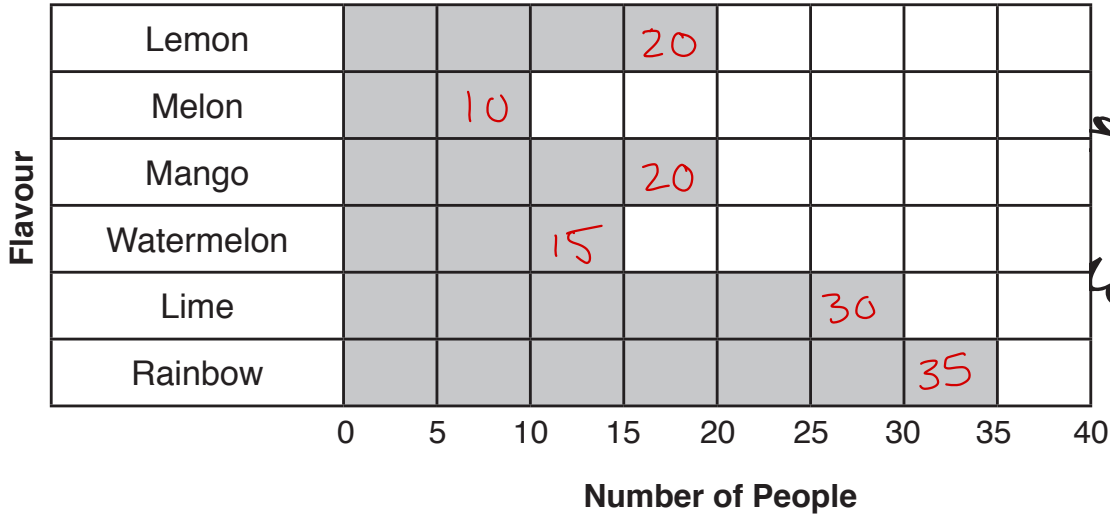
$$1 \text{ L} = 1000 \text{ mL}$$

$$25 \times 1000 = 25,000$$



Katherine took a survey of people's favourite gelato flavours. Here are the results.

Favourite Gelato Flavours



- How many people were surveyed altogether? $20 + 10 + 20 + 15 + 30 + 35 = 130$
- What was the most popular gelato flavour? Rainbow
- What was the range of the data collected? $35 - 10 = 25$
highest minus lowest
- What was the mean of the data collected? $130 \div 6 = 21.66$ or 21.7
add all then divide by 6 use a calculator
- What was the least favourite gelato? melon

BRAIN STRETCH



The Morris family traveled the 341km to Watertown to visit their great aunt. They used 0.15L of fuel per kilometer.

- How much fuel did they use altogether? 0.15×341
- If the price of gas is 80 cents per L, how much money did they spend on fuel?

$$\begin{array}{r} 341 \\ \times .15 \\ \hline 1705 \\ +3410 \\ \hline 51.15 \text{ L} \end{array}$$

$$0.80 \times 51.15 = \begin{array}{r} 5115 \\ \times 80 \\ \hline 409200 \end{array} \rightarrow \$40.92$$