

MONDAY

Patterning and Algebra

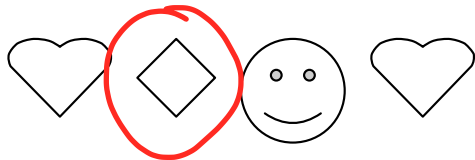
1. $14 \times a = 42$

$a = \underline{3}$

2. What is the rule for the following pattern?

1000, 900, 850, 750, 700, 600
 $-100 \quad -50 \quad -100 \quad -50 \quad -100$

3. What will be the 14th shape in this pattern?



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

start at 2 multiply by 3 and subtract 1

$2, 5, 14, 41$

5. Complete the pattern:

505, 500, 490, 470, $\underline{430}$, $\underline{350}$, $\underline{190}$
 $-5 \quad -10 \quad -20 \quad -40 \quad -80 \quad -160$



TUESDAY

Number Sense

1. Write seven hundred fifteen dollars and sixteen cents in numbers.

$\$715.16$

2. Write 606.55 in expanded form.

$600 + 6 + .5 + .05$

3. Write an equivalent fraction to $\frac{4}{5} \times 2$

$\frac{8}{10}$

4. What is the value of the underlined digit?

384 500

$30\,000$

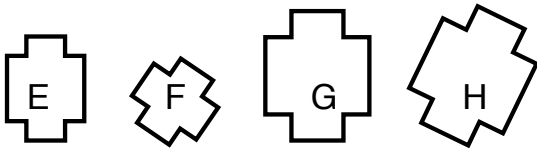
5. Jack has 284 hockey cards. He promised to give $\frac{1}{4}$ of them to his sister. How many cards will he give her?

$\frac{71 \text{ cards}}{4 \overline{)284}}$

WEDNESDAY

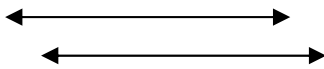
Geometry

1. Which pair of shapes look congruent?



- A. F and H **B. G and H** C. E and F

3. Classify the following pair of lines.



- A. intersecting **B. parallel** C. perpendicular

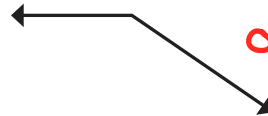
5. Draw a cube.



2. How many vertices does a circle have?

none

4. Classify the angle.



obtuse



THURSDAY

Measurement

1. $90 \text{ km} = \underline{9,000,000} \text{ cm}$

$$1 \text{ km} = 1000 \text{ m}$$

$$1 \text{ m} = 100 \text{ cm}$$

$$1 \text{ km} = 100,000 \text{ cm}$$

$$90 \times 100,000 = 9,000,000$$

3. Find the volume of a box measuring $10\text{mm} \times 10\text{mm} \times 3\text{mm}$.

$$10 \times 10 \times 3 = 100 \times 3 = 300 \text{ mm}^3$$

5. What unit of measurement would you use to find the space between your eyes?

cm or mm

2. It takes Lewis 35 minutes and 40 seconds to walk to the park. How long does a round trip take?

$$35 \times 2 = 70 \text{ m}$$

$$40 \times 2 = 80 \text{ s} = 1 \text{ m } 20 \text{ s}$$






$$71 \text{ m } 20 \text{ s}$$

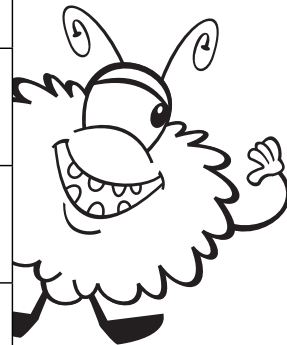
4. How many decades in 4 centuries?

$$10 \text{ decades} = 1 \text{ century}$$

$$10 \times 4 = 40 \text{ decades}$$

Nina made extra money in the summer by washing dogs for neighbourhood clients. She kept track of the number of dogs she washed in the chart below.

Week	Number of Dogs
1	 15
2	 10
3	 20
4	 5
5	 10



- How many dogs did Nina wash altogether? 60
- If each dog wash costs \$8 how much money did Nina make? $60 \times 8 = \$480$
- What is the range of the data? $20 - 5 = 15$
- What is the mean amount of dogs that she washed each week? 12
 $60 \div 5$

BRAIN STRETCH



a) Megan bought 6 T-shirts. Each T-shirt cost \$6.60. How much did the T-shirts cost altogether?

$$\begin{array}{r} 6.60 \\ \times 6 \\ \hline \$39.60 \end{array}$$

b) She paid with 2 twenty dollar bills. Did she get change? Explain.

Yes

$$\begin{array}{r} 40.00 \\ - 39.60 \\ \hline .40 \text{ change} \end{array}$$