

MONDAY Patterning and Algebra

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

k decreased by 32

- 2** Write and evaluate the two expressions represented by 12 ± 9 .

- 3** Complete the function table.

Rule: $b = a \div 9 \times 3$

Input (a)	Output (b)
54	
81	
18	
45	
9	

- 4** Solve for b .

$$\frac{4}{5} = \frac{b}{30}$$

TUESDAY Number Systems and Operations

- 1** List the composite numbers between 80 and 110.

- 2** Find the prime factorization of 51.

- 3** Write the numeral 4,675,129 in expanded form.

- 4** Estimate then find the sum.

$$32.5 + 44.6$$

estimate _____

- 5** Compare using $<$, $>$, or $=$.

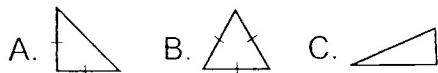
$$\frac{5}{25} \square 0.30$$

answer _____

WEDNESDAY

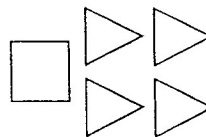
Geometry

1 Which triangle does not have a line of symmetry?



2 Which 3D shape can you make using these shapes?

A. pyramid B. cube C. cone



3 What is the perimeter of a hexagon if each side is 2.4 mm long?

4 What is an angle of 90° called?

A. obtuse B. right C. acute

THURSDAY

Ratios and Measurement

1 Is the following a ratio or a rate?
Explain your answer.

20 sit-ups per minute

2 Find the sum in litres.

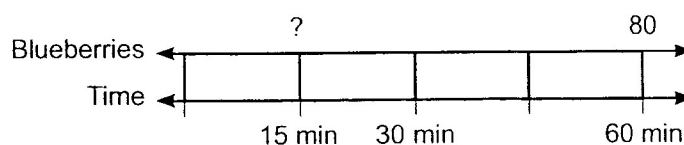
$$122 \text{ mL} + 5 \text{ L} =$$

3 Find the unit rate.

90 seats in 10 rows

= _____ seats per row

4 David ate 80 blueberries in one hour.
How many did he eat in fifteen minutes?
Fill in the double number lines to show your thinking.



The following data table shows the number of students who enrolled at Sherwood Public School during 2010 and 2011.



Grade	2010	2011
Grade 1	40	70
Grade 2	34	42
Grade 3	32	48
Grade 4	36	68
Grade 5	52	62
Grade 6	40	70

- 1** Which grade(s) had the most enrollment in 2011? _____
- 2** Which grade had the least enrollment in 2010? _____
- 3** What was the increase in the number of students enrolled in Grade 4 from 2010 to 2011?

- 4** What do you notice about the enrollment for all of the grades from 2010 to 2011?

BRAIN STRETCH

Marianne spends 3 hours at swim practice each week.

- How many hours a year does she practice swimming?
- How many hours will she have practiced in 10 years?