MONDAY Patterning and Algebra

1. Write the following in another way.

   8 + 8 + 8 + 8

   8 × 4 = 32

2. Are the products equal?

   7 x 6 < 4 x 12

   42 48

   No

3. ___9___ x 6 = 54

4. What is the pattern rule?

   900, 850, 800, 750

   -50

5. What kind of pattern is this?

   105, 115 ,125, 135, 145, 155,

   growing

TUESDAY Number Sense

1. Divide:

   $4\overline{)29}$ → 7 R 1, −28, 1

2. Divide:

   $3\overline{)35}$ → 11 R2, −33, 2

3. How many quarters are in 10 loonies?

   1 loonie = 4 quarters

   10 × 4 = 40

4. Subtract:

   145 − 91 = 54

   91 − 91 = 54

5. Shelly had 27 shells. She put the shells in groups of 5. How many equal groups of shells were there?

   (5)(5)(5)(5)(5) 2

   5 groups

   2 left over

WEDNESDAY Geometry and Spatial Sense

1. Name a polygon with 5 vertices.

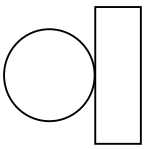
pentagon

2. Which shape has 2 pairs of parallel lines and all sides are equal?

square

3. Draw a 180 degree angle.

4. Can a cone be made from this net?



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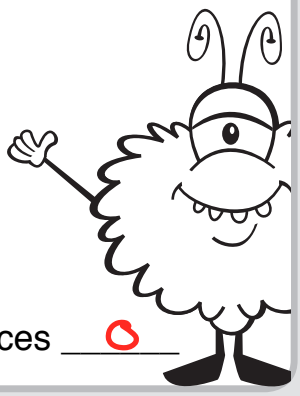
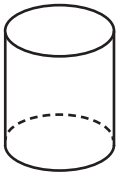


5. 

This is a cylinder.

How many? faces 2 edges 0 vertices 0

THURSDAY Measurement

1. Would you measure the contents of a bathtub using ml or L?

L

2. What temperature is it most likely to be if you are outside playing in the snow?

A. – 5°C
B. 30°C
C. 4°C

3. Spencer brushes his teeth twice a day for 2 minutes. How many minutes does he brush his teeth each week?

2 × 2 = 4 mins/day

4 × 7 = 28 mins/wk

4. How many decades in 5 centuries?

1 century = 10 decades

5 × 10 = 50 decades

5. It is 4:00 pm. What time will it be in 1 hour and 14 minutes?

5:14 pm

FRIDAY Data Management

Emily's mom brought a bag of fruit to the family picnic. She put: 3 bananas, 5 apples, 10 apricots and 2 mangoes in the bag. What is the probability of randomly selecting the following?

$3 + 5 + 10 + 2 = 20$ items

What is the probability as a fraction of:

1. a banana

$\frac{3}{20}$

2. a mango

$\frac{2}{20} \rightarrow \frac{1}{10}$

3. an apple

$\frac{5}{20} \rightarrow \frac{1}{4}$

4. an apricot or mango

$\frac{12}{20} \rightarrow \frac{3}{5}$

5. a chocolate bar

$\frac{0}{20}$

BRAIN STRETCH

How many of these nets can be made into cubes? 3