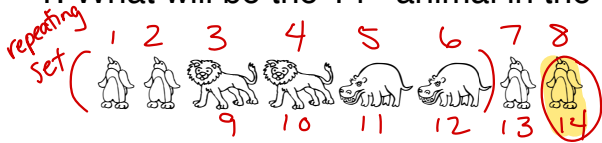


MONDAY

Patterning and Algebra

1. What will be the 14th animal in the pattern? 2. Complete the pattern:



$$99, 94, 89, 84, \underline{79}, \underline{74}$$

-5 -5 -5 -5 -5

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

start at 600, add 17

$$600, 617, 634, 651$$

4. What is the rule for the following pattern?

246, 241, 236, 231, 226, 221

$$-5$$

5. $46 \div b = 23$

$$b = \underline{2}$$

check: $23 \times 2 = 46$



TUESDAY

Number Sense

1. Subtract: $110 - 78.1$

*line up the decimals

$$\begin{array}{r} 110.0 \\ - 78.1 \\ \hline 31.9 \end{array}$$

2. Multiply: 1.45×1000

*3 zeros, so move decimal to the right 3 times

$$1.45 \rightarrow 1450$$

3. Put the following in order from greatest to least:

$1 \frac{1}{2}, 1 \frac{1}{4}, 1 \frac{3}{4}$

$$1 \frac{3}{4}, 1 \frac{1}{2}, 1 \frac{1}{4}$$

4. Round this number to the nearest tenth.

$6900.\underline{6}5$

*look at the digit to the right. If it is 5 or higher round up. If it is 4 or lower round down.

$$6900.7$$

5. Sunita reads about 5 books a month. How many books does she read in a year?

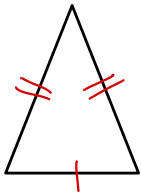
12 months in 1 year

$$5 \times 12 = 60 \text{ books}$$

WEDNESDAY

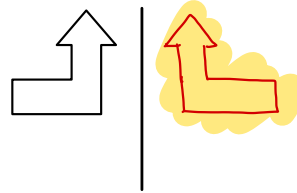
Geometry

1. What kind of triangle is this?



isosceles

2. Draw the reflection of this shape.



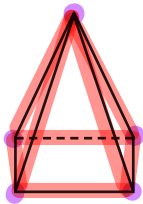
3. Draw a 90 degree angle.



4. Name a polygon with 3 sides.

Triangle

5.



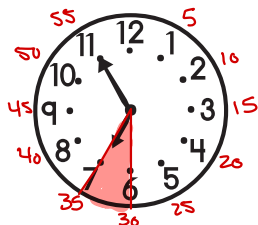
This is a pyramid.

How many? faces 5 edges 8 vertices 5

THURSDAY

Measurement

1. What time is it?



6:55

2. Draw a triangle with an area of 10cm^2 .



$$(4 \times 5) \div 2 = 10\text{cm}^2$$

area of a square = base \times height
area of a triangle = (base \times height) \div 2

$$\begin{aligned} \text{area} &= 4 \times 6 \\ &= 24 \\ \text{area} &= \frac{4 \times 6}{2} \\ &= \frac{24}{2} \\ &= 12 \end{aligned}$$

3. $125\text{ mm} =$ 12.5 cm

$$1\text{ cm} = 10\text{ mm}$$

$$125 \div 10 = 12.5$$

4. What unit of measurement would you use to find the length of your arm?

cm

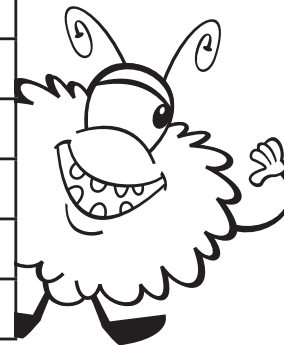
5. How would you find the perimeter of your classroom?

measure around the edges with a meter stick and add the sides together



The Mill Valley Hockey Association published the final results for this season.

Team	Overall Points
Tigers	23
Sharks	16
Mustangs	21
Hornets	18
Cobras	24
Scorpions	34
Barracudas	20



- What is the range of the data? $34 - 16 = 18$
highest lowest range
- What is the median number of points? $16, 18, 20, 21, 23, 24, 34$
*middle numbers when in order
- What is the mean number of points? $(16 + 18 + 20 + 21 + 23 + 24 + 34) \div 7 = 22.28$
average
*add all then divide by amount of data points → use a calculator
- How many more points did the Cobras score than the Sharks? $24 - 16 = 8$
- How many fewer points did the Hornets have than the Scorpions? $34 - 18 = 16$

BRAIN STRETCH



A tub of ice cream has 4L in it. $1L = 1000\text{ mL}$

- a) If each person at the Smith family BBQ gets a 200 ml scoop, how many people can be served by one tub?

$$4L = 4000\text{ mL} \quad 4000 \div 200 \Rightarrow 40 \div 2 = 20 \text{ people}$$

simplify

- b) If there are 35 people at the BBQ, how many tubs of ice cream should they purchase?

$$1 \text{ tub feeds } 20 \text{ people} \\ 2 \text{ tubs feeds } 40 \text{ people} \quad \text{so } 2 \text{ tubs}$$