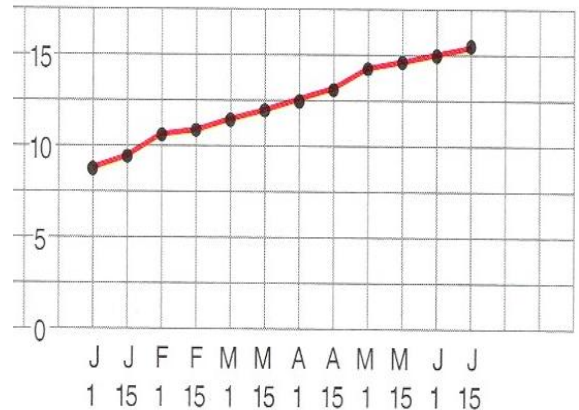☺ ☺ ☺   1. The graph below shows the number of daylight hours for the first six months of a year.
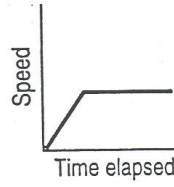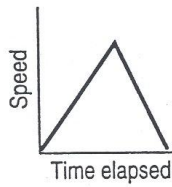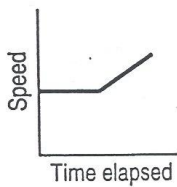
a. How many hours of daylight were
recorded on April 1st? ____   on June 1st? ____

b. Which month had the least number of
daylight hours? _____   How can you tell?

c. If the graph went for 6 *more* months, what
would the line look like, and why?

☺ ☺ ☺   2. Circle the graph below that best shows the speed of a man walking up a hill at a steady pace,
and then running, faster and faster, down the other side.

☺ ☺ ☺   3. Use the calendar. Answer the questions below.

January 2009

Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

a. Circle the multiples of 2. Then draw a square
around the multiples of 3.

b. Which numbers have both circles and squares
around them?   ___, ___, ___, ___, and ___

c. Which *single number* is your circled and squared
numbers a multiple of?   _____

☺   4. If you want to add ½ and ⅓, one way to do so is to find a *common denominator* for the
fractions. This means you have to find a number that is a *multiple* of both 2 and 3. From
problem 3 above, what is the smallest number that is a multiple of both 2 and 3?   _____

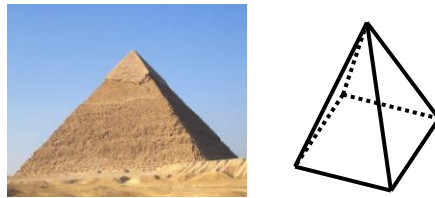☺ ☺   5. Show how to find ½ + ⅓ using the six-packs of cola below. Show why the answer of 5/6 makes good sense for this problem.

½   +   ⅓   =   5/6
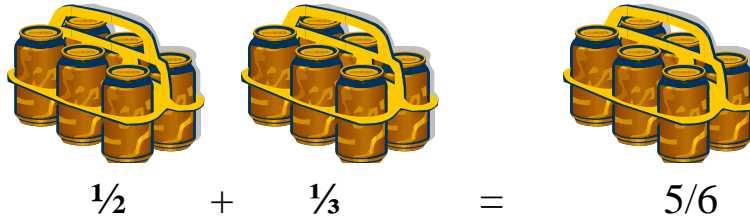
☺ ☺ ☺   6. Dr. Jones asked his archeology team to identify the attributes of this square pyramid. He provided a diagram to help them.

How many *faces* does the pyramid have? _____   (Don't forget to count the bottom face.)

How many *vertices* does it have? _____   How many *edges* does it have? _____
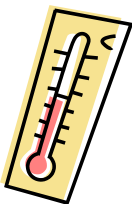

☺   7. There are 139 students and teachers sailing to a local island for a fifth grade trip. There are several sail boats at the dock. Each boat holds 12 passengers.

How many sail boats are needed to carry everyone to the island? _____

☺ ☺   8. The temperature on Friday was a freezing ⁻3° Celsius. Then it got even colder and went down 5 more degrees. What was the new temperature?   Draw a picture below to help you find the answer.

Answer: It was _____ degrees.