☺   1. Sarah is using the Internet to do a book report on animals. She typed the word
"mammal" into a search engine. The search engine found 1,856,324 web sites with
the word "mammal".
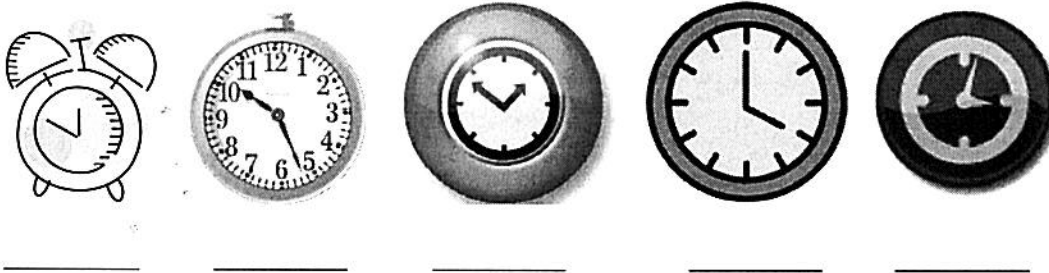
What is the place value of "5" in "1,856,324"?   _____

What is the place value of "6" in "1,856,324"?   _____

What is the place value of "8" in "1,856,324"?   _____

☺ ☺ ☺   2. Angles that are 90° are called **right angles** . Angles that are less than 90° are called
acute angles. Angles that are greater than 90° are called **obtuse angles**. You can use
the corner of a sheet of paper to tell what type of angle you have.

Classify each of the angles made by the hour and minute hands as **acute**, **right**, or **obtuse**.
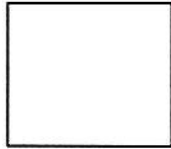
_____   _____   _____   _____   _____

☺   3. Steve has trouble remembering that 7×6 = 42. But he does know that 5×6 = 30
because the "5 times" facts are easy for Steve. Tell how Steve can use what he knows
to quickly figure out that 7×6 = 42.

Explanation:

☺ ☺ 4. Diana bought ¼ pound of potatoes. Wayne bought ⅜ pound of broccoli. Show by shading in the rectangles below that Wayne's vegetables weighed more than Diana's. Each rectangle shows one whole pound.
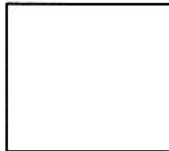
Diana's potatoes   Wayne's broccoli

☺ ☺ 5. Since 16 ounces = 1 pound, you can tell how many ounces Diana and Wayne bought by dividing the "pounds" picture into *sixteenths* instead of into *fourths* and *eighths* as you did above. Divide the squares again, but this time into *sixteenths*, and see how many ounces each person bought.

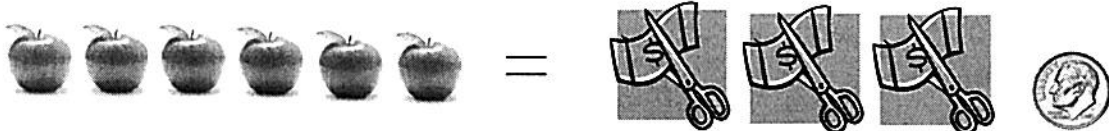Diana's potatoes   Wayne's broccoli
= ___ ounces   = ___ ounces

☺ 6. 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? ____

☺ ☺ ☺ 7. Six apples cost Javier $3.10. About how much did each apple cost?

Answer: about $_____