

Smiley Face Math
Grade 4, Worksheet VIII

Name: _____

- ☺ 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**.



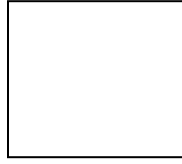
- ☺ 3. Steve has trouble remembering that $7 \times 6 = 42$. But he does know that $5 \times 6 = 30$ because the “5 times” facts are easy for Steve. Tell how Steve can use what he knows to quickly figure out that $7 \times 6 = 42$.

Explanation:

4. Diana bought $\frac{1}{4}$ pound of potatoes. Wayne bought $\frac{3}{8}$ 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.



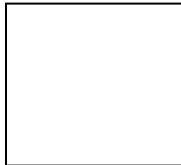
Diana's potatoes



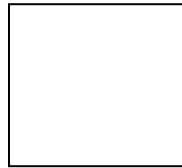
Wayne's broccoli



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
= ___ ounces



Wayne's broccoli
= ___ ounces



6. Use the calendar. Answer the questions below.

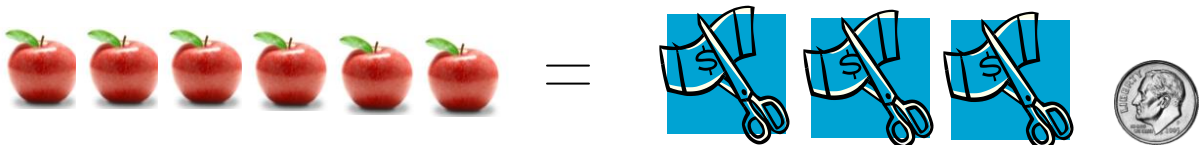
January 2009						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

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 \$_____