Fantastic Five #16

1. Explain how I would solve 10^7. What would 6×10^7 equal? (Remember the patterns we have learned about exponents and zeroes.)

2. The Albanyville library has 1,367 books on the first floor and 952 books on the second floor. Which of the following is the best estimate of the total books in the library? (Remember: estimating means you ROUND, then solve!)

3. Solve. ALWAYS simplify! $5 \times \dfrac{1}{3} =$ $8 \times \dfrac{4}{5} =$

   (Multiply the whole number by the numerator – leave the denominator alone!)

4. Draw a pentagon with two right angles. (A pentagon has 5 sides.)

5. $42 \times 82 =$ (Remember what we did last week! Can you break this apart?)

Fantastic Five #17

1. 42 x 10⁴ = _____ and 42 x 10³ = _____. How do these numbers compare? How many times larger is one than the other? (Remember the patterns we have learned about exponents and zeroes.)

2. Emme has 347 baby dolls. Ava has 4,395 baby dolls. What is the best estimate of baby dolls they have altogether? (Remember: estimating means you ROUND, then solve!)

3. Turn into a mixed number. ALWAYS simplify! $\frac{15}{6}$ = $\frac{21}{2}$ =

   (Multiply the whole number by the numerator – leave the denominator alone!)

4. Draw a parallelogram. What can you explain about its sides and angles? (A parallelogram has 4 sides.)

5. 2,394 ÷ 5 = (Don't leave the problem written like this!)

Fantastic Five #18

1. Solve each problem.

   a. 3.712 x 10   b. 6,449 ÷ 10

   c. 3.721 x 100   d. 6,449 ÷ 100

   e. 3.721 x 1,000   f. 6,449 ÷ 1,000

   What do you notice? (Remember the patterns we have learned about exponents and zeroes.)

2. The Broncos spent $3,468 on helmets last year. The Seahawks spent $4,390 on helmets. What is the best estimate of how much the two teams spent?
   (Remember: estimating means you ROUND, then solve!)

3. Solve. ALWAYS simplify! $3 \times \dfrac{7}{8} =$ $5 \times \dfrac{1}{4} =$

   (Multiply the whole number by the numerator – leave the denominator alone!)

4. Draw a square and a rectangle. How do the two shapes compare?

5. 22 x 33 =

Fantastic Five #19 Don't forget all your hints from Days 16-18!!!

1. Megan found the average lifespan of two types of trees. She found the Alaska Yellow Cedar lived an average of 10^3 years and the Paper Birch lived and average of 10^2 years. How do these two lengths of time compare?

2. The Shafer house has 3,492 Barbies. The Sorto house has 2,943 Matchbox cars. What is the best estimate of Barbies and Matchbox cars combined?

3. Turn into a mixed number. ALWAYS simplify! $\frac{25}{3}$ = $\frac{19}{4}$ =

4. Draw a right triangle. What do you notice about the angles of any right triangle?

5. 8,467 ÷ 3 =