Math 3. Homework 23

1. Write down a number sentence and find its value:

a) The difference of one hundred twenty two and eighty seven is divided by 5:

_____

b) The product of eleven and 5 is added to tree hundred and eight

_____

c) One thousand and two added to the quotient of 75 and 3

_____

2. a) Locate 1 on the number line. Label the point. Use a ruler or a compass. Be as exact as possible.

b) Locate 1 on the number line. Label the point. Use a ruler or a compass. Be as exact as possible.

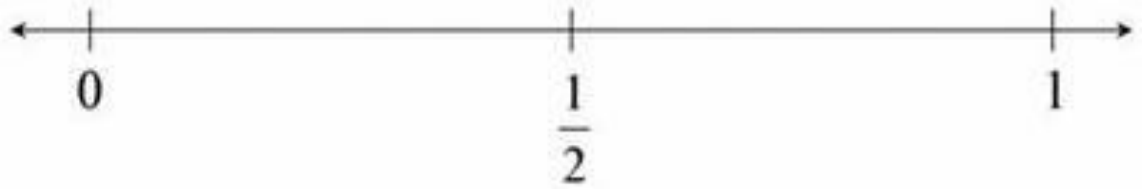
3. Compare the fractions below. Use the symbols >, =, or < to record your comparisons. Draw a picture if you need to illustrate your answer.

a) 2/6 … 5/6 b) 1/2 … 1/3 c) 3/ 6 … 4/8

4. One-digit-one-line Long Multiplication. Remember about Place Value!

a) 1021 × 31 = b) 1021 × 310 = c) 1021 × 3105 =

5. a) Which number is closest to 1/2?



a) 1/8 b) 3/8 c) 7/8 d) 9/8

b) Label the point where 2/3 belongs on the number line. Be as exact as possible. Use a ruler or a compass.

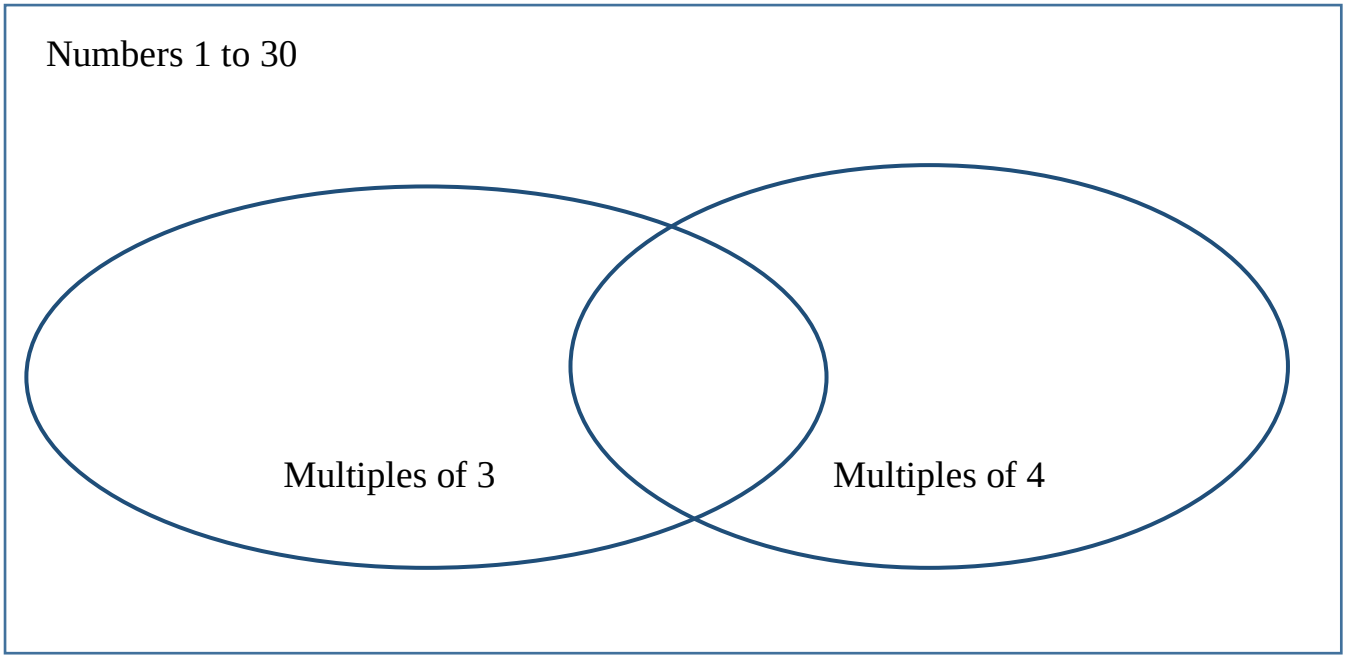
6. When Milan looked into the old bucket on his backyard, he found 3 spiders in there. If the number of spiders will double each day, how many spiders Milan will find in the old bucket when he come back 5 days later?

_____

_____

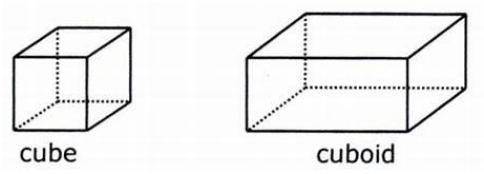
_____

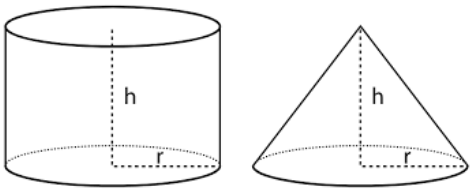
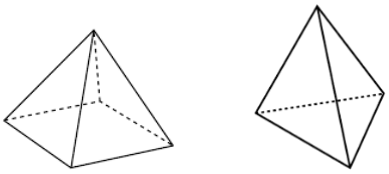
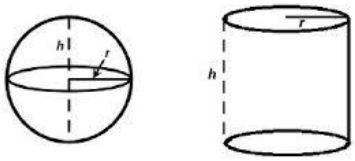
7. Complete the Venn diagram:



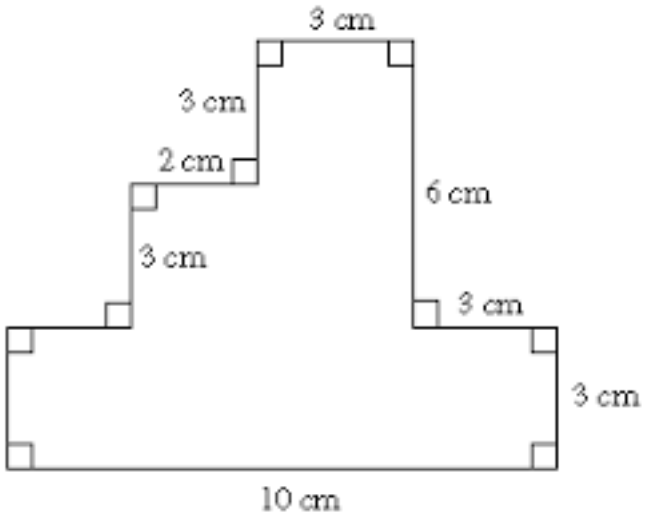
What can you say about the numbers in overlap? _____

8. Look at each pair of shapes. What is the same and what is different about shapes in each pair? Hint: Compare faces, vertices and edges. Use the table to record your answers.

Shapes	**What is the same?**	**What is different?**
	Both have 6 faces and 12 edges	Cube has a square faces. Cuboid has rectangular faces, but some faces could be squares.

9. Calculate Area and Perimeter of the composite shape below. Don't forget about units:



A = _____

P = _____