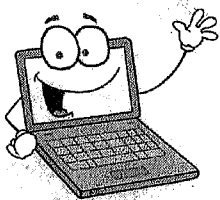Name: _____

Want a quick review? Check out this week's (or previous week's) tutorials at mcdbsesmath.weebly/homework.html .

This week's topics: modeling comparative relationships, finding factors of a #, distinguishing prime/composite #s.

Identify each statement as true or false.

_____ The value of the 6 in the number 467,012 is equivalent to 6×10^5.

_____ The value of the 3 in the number 29,835 is equivalent to 3×10^2.

_____ The value of the 8 in the number 81,957 is equivalent to 8×10^4.

Circle each expression whose value is less than 300.

90 x 3	7 x 60	80 x 2	6 x 60	4 x 90
40 x 8	50 x 5	9 x 50	8 x 30	40 x 7

Write a number on each jersey so they show all the factors of 42.
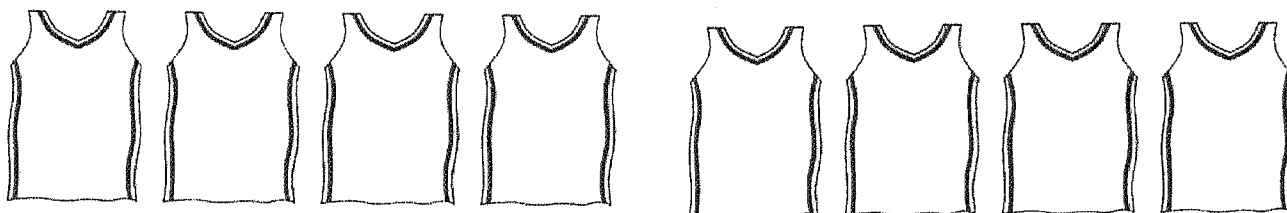
Place 3,084 and 3,209 on the number line.

```
├────┬────┬────┬────┬────┬────┤
                    3,200         3,300
```

Identify the number as prime, composite, or neither.

39   1

15   24

17   26

38   13

Read each story problem. Write an equation that matches the story, and then solve.

A typical koala can lives for 8 years in the wild. A rhino, on the other hand, has a much longer life span. In fact, the average rhino lives 4 times as long as a typical koala. What is the expected life span of a typical rhino?

equation: _____

answer: _____

Sandy's parents bought a new, larger kiddie pool for her brother Mark. When Sandy used the hose to fill up the old pool, it took 9 minutes to fill with water. The new, larger pool takes 27 minutes to fill up. How much longer does it take to fill up the new pool than it did to fill the old pool?

equation: _____

answer: _____