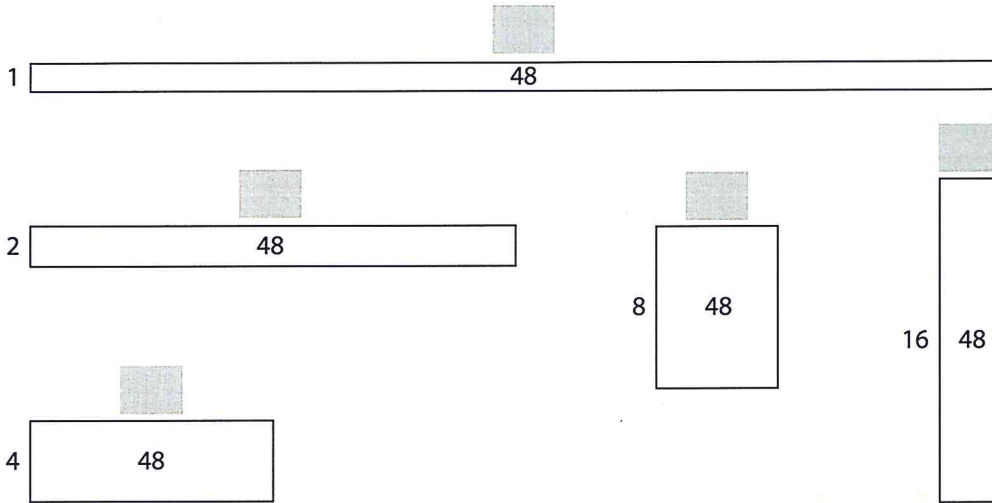




Factors & Tea Lights page 1 of 2

1 Imagine using 48 tiles to build each rectangle below. Write in the missing dimensions on the rectangle sketches.



2 The factors of 48 are:
 1 and _____ 2 and _____ 4 and _____ 8 and _____ 16 and _____

3 Is 48 a prime number or a composite number?

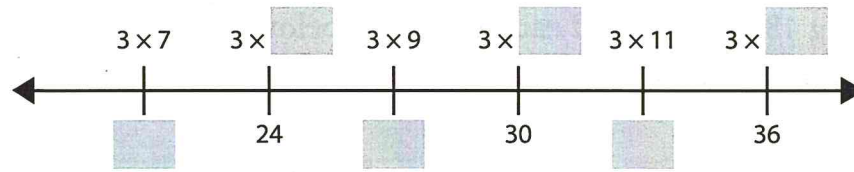
a How do you know?

4 Study your list of factors for 48. What patterns do you observe?

(continued on next page)

NAME _____

DATE _____

Factors & Tea Lights page 2 of 2**5** Write the missing parts on this number line:**6** Tea light candles are being packaged 6 to a box. Fill in the table:

Number of Boxes	4		6	7		9	
Total Number of Candles	24	30			48		60

For the problems below, use numbers, words, or labeled sketches to explain your answers.

7 Jane has 7 tea light candles. Aisha has 5 times more candles than Jane. How many candles does Aisha have?**8** Theo has 50 tea light candles. Madeline has half as many candles as Theo. How many candles does Madeline have?