Using proportions to find percent

40 % of 80 is \_\_\_\_\_\_\_.

1. Set up the problem use:

40 = x

100 80

1. Cross multiply

3200 = 100x

1. Divide to solve for x.

Always use the number is next to the x

3200 = 100x

100 100

32 = x

Using proportions to find the whole

60% of what number is 174

Use the same setup as before:

60 = 174

100 x

60 x = 17400

60 60

x = 290