Find the Whole From Part

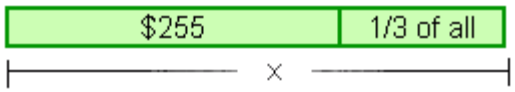
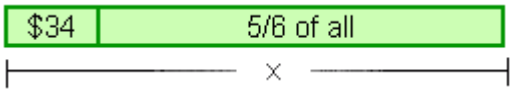
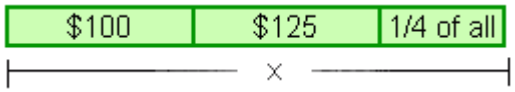
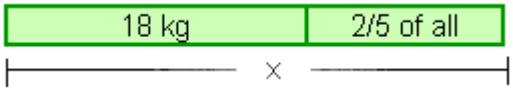
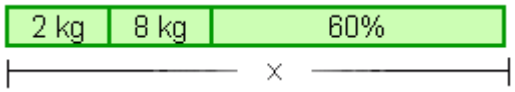
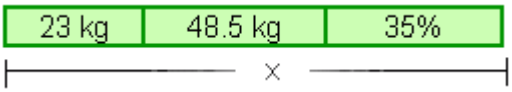
1. Find the whole when part is known. Note closely the type of reasoning.

a. 4/5 of John's salary is $880. 1/5 of his salary is $_____. His salary is $_____.	**b.** 3/8 of the books in a store is 630 books. 1/8 of the books is _____. In total, there are _____ books.
c. 30% of a shirt's price is $4.20. 10% of the price is_____. The whole price is _____.	**d.** 17% of the people is 221 people. 1% of the people is _____ people. There are _____ people in all.

2. Find the whole when a part is known. First, find a smaller part, such as 10% or 1%, then use that value to find the whole.

a. 2/3 of a number is 48.	**b.** 3/5 of a number is 99.	**c.** 5/8 of a number is 75.
d. 40% of a price is $16.	**e.** 90% of a salary is $1080.	**f.** 70% of the people is 161 people.
g. 8% of a price is $2.40.	**h.** 45% of the people is 720 people.	**i.** 19% of the water was 1167 L.

3. Now *x* represents the WHOLE amount, and it is divided into various parts. Solve for *x*.

 **a.**	 **b.**
 **c.**	 **d.**
 **e.**	 **f.**