

Find the Whole From Part

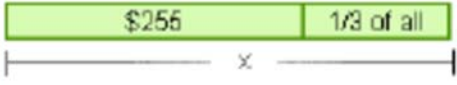
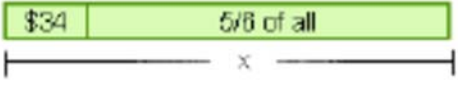



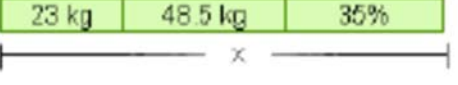
1. Find the whole when part is known. Note closely the type of reasoning.

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

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. $\frac{2}{3}$ of a number is 48.	b. $\frac{3}{5}$ of a number is 99.	c. $\frac{5}{8}$ 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 .

<p>a. </p>	<p>b. </p>
<p>c. </p>	<p>d. </p>
<p>e. </p>	<p>f. </p>

