

## Percent Word Problems Worksheet

1. 15% of the students in Mr. Riley's social studies classes watch the local news every night. Mr. Riley found that 136 of his students do not watch the local news. How many students are in Mr. Riley's social studies classes?

2. Grandma Bailey and her children represent about 9.1% of the Bailey family. If Grandma Bailey has 12 children, how many members are there in the Bailey family?

## Percent Word Problems Worksheet

1. 15% of the students in Mr. Riley's social studies classes watch the local news every night. Mr. Riley found that 136 of his students do not watch the local news. How many students are in Mr. Riley's social studies classes?

*If 15% of his students do watch their local news, then 85% do not.*

*Quantity → %*

*136 → 85%*

$$\frac{136}{85} \rightarrow 1\%$$

$$\left(\frac{136}{85}\right)(100) \rightarrow 100\%$$

*1.6(100) → 100%*

*160 → 100%*

*There are 160 total students in Mr. Riley's social studies classes.*

2. Grandma Bailey and her children represent about 9.1% of the Bailey family. If Grandma Bailey has 12 children, how many members are there in the Bailey family?

*Quantity → %*

*12 → 9.1%*

$$\left(\frac{12}{9.1}\right)(100) \rightarrow 100\%$$

$$100 \left(\frac{12}{9.1}\right) \rightarrow 100\%$$

$$\frac{1,200}{9.1} \rightarrow 100\%$$

*132.857... → 100%*

*The Bailey family has 133 members.*