

Unit 8: Percent

8.2: Percent and Proportions

Write and solve A PROPORTION to answer each question.

What number is 0.6% of 30?	What number is 110% of 70?
30% of 140 is what number?	150% of 22 is what number?
20 is 40% of what number?	42 is 8% of what number?
8% of what number is 16?	32 is what percent of 128?
30 is what percent of 80?	What percent of 48 is 36?

Write and solve AN EQUATION to answer each question.

62% of 150 is what number?	13% of 400 is what number?
175% of 8 is what number?	12 is what percent of 30?
72 is what percent of 80?	156 is what percent of 60?
8% of what number is 2?	64% of what number is 48?
0.5% of what number is 3?	What percent of 200 is 290?
What percent of 130 is 91?	What percent of 60 is 9?