

7.4 Mental Percent Strategies

Chapter 7: Percent

Name: _____

Date: _____

Class/Period: _____

Problem 7.61 Find 50% of 74 mentally.

Problem 7.64 Find 20% of 85 mentally.

Problem 7.62 Find 25% of 196 mentally.

Problem 7.65 Find 5% of 240 mentally.

Problem 7.63 Find 75% of 60 mentally.

Problem 7.66 Find 1% of 3.2 mentally.

7.4 Mental Percent Strategies

Chapter 7: Percent

Problem 7.67 Find 51% of 18 mentally.

Problem 7.70 Find 9% of 150 mentally.

Problem 7.68 Find 35% of 196 mentally.

Problem 7.71 Find 160% of 32 mentally.

Problem 7.69 Find 21% of 3.2 mentally.

Problem 7.72 Find $33\frac{1}{3}\%$ of 60 mentally.

7.4 Mental Percent Strategies

Chapter 7: Percent

Problem 7.73 Find $66\frac{2}{3}\%$ of 45 mentally.

Problem 7.76 Find 199% of 50 mentally.

Problem 7.74 Find 12.5% of 72 mentally.

Problem 7.77 Find 0.5% of 800 mentally.

Problem 7.75 Find 2.5% of 320 mentally.

Problem 7.78 Find 250% of 196 mentally.

7.4 Mental Percent Strategies

Chapter 7: Percent

Problem 7.79 Circle all expressions equal to 60% of 75: 6% of 750, 30% of 150, 300% of 15, and 600% of 7.5. Explain without calculating every product from scratch.

Problem 7.81 Seven percent of 11 equals 1% of what number? Explain why the answer is visible before calculation.

Problem 7.80 Twenty percent of 412 equals 10% of what number? Solve by reasoning about doubled percents.

Problem 7.82 Create a percent-of problem that is awkward by decimal multiplication but easy by decomposing the percent. Solve it.