

Challenge Problems

7.5

NAME _____

Module 7 Ratio, Proportion, and Percent
Lesson 5 Percent Proportions

Set 1

1

Show two different ways to estimate 72% of 300.

2

To estimate 22% of 480, Jill found 20% of 480, or 96. Katy found $\frac{1}{4}$ of 480, or 120. Which estimate is closer to the actual answer? Explain.

Set 2

1

Taylor found that 10% of 4,280 is 428. How can Taylor use this fact to find 40% of 4,280? Explain.

2

Helen found that 10% of \$90 is \$9. How can Helen use this fact to calculate a 15% tip?

Additional Work Area