

Name _____ Period _____ Date _____

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Proportions #2

Write the proportions suggested by each problem (1-5). Then solve the problem by solving the proportion.

1. Jamal burned 672 calories during 45 minutes of his one-hour workout. Assuming he continued to exercise at the same rate, what is the total number of calories that he burned by the end of the workout?

Proportion: _____

Solution: _____

2. A student who is 5'6" casts a 4' shadow. How many feet tall is a nearby tree which casts a 52' shadow?

Proportion: _____

Solution: _____

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Proportions #2 (page 2)

3. It took Jim $1\frac{1}{3}$ hours to walk $\frac{4}{9}$ of the way home. At the same rate, how many hours would it take Jim to walk all the way home?

Proportion: _____

Solution: _____

4. If 48 students in a class of 60 students were absent, what percent of the students were present?

Proportion: _____

Solution: _____

5. Grapes sell for 99 cents per pound, and there is an average of 82 grapes per pound. How many grapes would you expect for \$6.93?

Proportion: _____

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Proportions #2 (page 2)

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