

Name : _____

Solving Proportions

Sheet 1

- 1) Isaac and his friends pitched 4 Trekker tents in 60 minutes on a camping site. How long will they take to pitch 5 tents?

- 2) Fiona, an avid food blogger posted a total 216 recipes in 36 weeks. If she posted them at a constant rate, how many recipes did she upload in 15 weeks' time?

- 3) Jacob strode up 24 steps in 12 seconds to reach his apartment on the second floor. How many steps did he climb in 9 seconds?

- 4) Derek uses a 52 inch flat steel bar that weighs 10.4 lb to make a rack in the garage. Find the weight of a 67-inch steel bar.

- 5) Mike completed an online course that contained 20 core topics in a total of 40 learning hours. How many topics did he complete in 12 hours time?

- 6) Alexa bought a pack of 12 cookies for \$3.50 from the supermarket. How many packs of cookies can she buy for \$17.50?

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Answer key

Solving Proportions

Sheet 1

- 1) Isaac and his friends pitched 4 Trekker tents in 60 minutes on a camping site. How long will they take to pitch 5 tents?

75 minutes

- 2) Fiona, an avid food blogger posted a total 216 recipes in 36 weeks. If she posted them at a constant rate, how many recipes did she upload in 15 weeks' time?

90 recipes

- 3) Jacob strode up 24 steps in 12 seconds to reach his apartment on the second floor. How many steps did he climb in 9 seconds?

18 steps

- 4) Derek uses a 52 inch flat steel bar that weighs 10.4 lb to make a rack in the garage. Find the weight of a 67-inch steel bar.

13.4 lb

- 5) Mike completed an online course that contained 20 core topics in a total of 40 learning hours. How many topics did he complete in 12 hours time?

6 core topics

- 6) Alexa bought a pack of 12 cookies for \$3.50 from the supermarket. How many packs of cookies can she buy for \$17.50?

5 packs with 60 cookies