



Proportions word problems – using decimals

Grade 6 Proportions Worksheet

Round the answers to 2 decimal digits.

- 1) A crane can load 82 containers in 16 hours. How long does it take to load 180 containers?

 - 2) A basketball player can make 25 free throws in 3.5 minutes. How many free throws can he make in 12 minutes?

 - 3) A stack of 150 pieces of paper is 2.5 cm thick. How many pieces of paper are in a pile that is 6.5 cm thick?

 - 4) An electronic calculator can finish 550 calculations in 2 minutes. How long does it take to finish 100 calculations?

 - 5) A bulk pack of 12 croissants cost \$0.95. How much do 110 croissants cost?

 - 6) Matthew ran 43.5 km in 3 hours. How much did he run in 25 minutes?
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Answers

- 1) 35.12 hours
 - 2) 85.71
 - 3) 390
 - 4) 0.36 minutes
 - 5) \$8.71
 - 6) 6.04 km
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