



## Proportions word problems – using decimals

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### 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?



## Answers

1) 35.12 hours

2) 85.71

3) 390

4) 0.36 minutes

5) \$8.71

6) 6.04 km