



Proportions word problems – using decimals

Grade 6 Proportions Worksheet

Round the answers to 2 decimal digits.

- 1) A bus travels 350 km in 4 hours (with a constant speed). How far can it travel in 7 hours (with the same speed)?
 - 2) If two water towers can hold 905 gallons of water, how much water can 11 water towers can hold?
 - 3) If it takes four moving trucks to move 48 boxes, how many trucks are needed to move 840 boxes?
 - 4) A factory can produce 60 TV in 7 days. How long does it take to finish 400 TVs?
 - 5) 500 lemons were packed in 8 boxes. How many lemons can be packed in 20 boxes?
 - 6) A pack of four cans of coffee cost \$10.90. How much would 17 cans of coffee cost?
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Answers

- 1) 612.5 km
 - 2) 4977.5 gallons
 - 3) 70 trucks
 - 4) 46.67 days
 - 5) 1250
 - 6) \$46.34
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