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?

Answers

1)   612.5 km

2)   4977.5 gallons

3)   70 trucks

4)   46.67 days

5)   1250

6) $46.34