Proportions word problems

Grade 6 Proportions Worksheet

1) A car travels 120 miles in 3 hours (with a constant speed). How far will it take to travel 200 miles?

2) 50 apples cost $25. How much would 75 apples cost?

3) It takes Mike 18 minutes to finish reading 4 pages of a book. How long does it take for him to finish reading 30 pages?

4) Nathan packs 25 boxes in 2 hours. How many boxes can he pack in his 8-hour shift?

5) 13 candy bars weigh 26 ounces. What is the weight of 35 candy bars?

6) A machine can produce 6 yards of fabric in 2 minutes. How much fabric can the machine produce in 1 hour?
Answers

1) 5 hours

2) $37.5

3) 135 minutes

4) 100 boxes

5) 70 ounces

6) 180 yards