Proportion

Mark   / 8   %

1) A recipe requires 8 eggs to make 12 cookies.   [1]
How many eggs will be needed to make 48 cookies?

2) A recipe for pastry requires 60g of sugar to make 180g of pastry.   [1]
How many grams of sugar will be needed to make 18g of pastry?

3) A bottling machine makes 170 bottles in 16 hours.   [1]
How many bottles will it make in 20 hours?

4) After 41 games of a football season, Liverpool won 15 games and lost 26 games.   [1]
At this rate, how many games will they win in a 52 game season?

5) If Demetrius walks 4 miles in 70 minutes, how many miles will he walk in 71 minutes?   [1]

6) If 1 person takes 7 days to pick the apples from a tree, how many days will it take 7 people to do the same job?

[1]

7) If 10 people take 9 days to pick the oranges from a tree, how many days will it take 9 people to do the same job?

[1]

8) If 5 people take 2 days to pick the lemons from a tree, how many days will it take 7 people to do the same job?

[1]

Solutions for the assessment Proportion

1) 32 eggs

2) 6 g

3) 213 bottles

4) 19 games

5) 4.06 miles

6) 1 day

7) 10 days

8) 1.4 days