

Proportion

Name:	Class:	Date:
Mark		/ 10 %

1) A recipe requires 8 cups of sugar to make 11 cookies. [1]
How many cups of sugar will be needed to make 77 cookies?

cups of sugar

2) A recipe requires 4 cups of sugar to make 11 cookies. [1]
How many cups of sugar will be needed to make 66 cookies?

cups of sugar

3) A recipe for pastry requires 100g of butter to make 200g of pastry. [1]
How many grams of butter will be needed to make 1000g of pastry?

g

4) A recipe for pastry requires 110g of flour to make 220g of pastry. [1]
How many grams of flour will be needed to make 1100g of pastry?

g

5) A bottling machine makes 120 bottles in 4 hours. [1]
How many bottles will it make in 7 hours?

bottles

6) A bottling machine makes 190 bottles in 15 hours.
How many bottles will it make in 4 hours?

[1]

bottles

7) After 34 games of a football season, Newcastle won 12 games and lost 22 games.
At this rate, how many games will they win in a 50 game season?

[1]

games

8) After 49 games of a football season, Manchester United won 16 games and lost 33 games.
At this rate, how many games will they win in a 57 game season?

[1]

games

9) If Chris walks 4 miles in 42 minutes, how many miles will he walk in 76 minutes?

[1]

miles

10) If Arturo walks 2 miles in 85 minutes, how many miles will he walk in 95 minutes?

[1]

miles

Solutions for the assessment Proportion

1) 56 cups of sugar

2) 24 cups of sugar

3) 500 g

4) 550 g

5) 210 bottles

6) 51 bottles

7) 18 games

8) 19 games

9) 7.24 miles

10) 2.24 miles