1) A recipe requires 3 eggs to make 7 cookies. How many eggs will be needed to make 14 cookies? [1]

2) A recipe requires 4 cups of sugar to make 8 cookies. How many cups of sugar will be needed to make 24 cookies? [1]

3) A recipe for pastry requires 180g of sugar to make 540g of pastry. How many grams of sugar will be needed to make 5400g of pastry? [1]

4) A recipe for pastry requires 160g of sugar to make 320g of pastry. How many grams of sugar will be needed to make 40g of pastry? [1]

5) A bottling machine makes 60 bottles in 11 hours. How many bottles will it make in 16 hours? [1]

6) A bottling machine makes 60 bottles in 5 hours. How many bottles will it make in 3 hours? [1]

7) After 35 games of a football season, Manchester United won 14 games and lost 21 games. At this rate, how many games will they win in a 54 game season? [1]

8) If Jesse walks 6 miles in 91 minutes, how many miles will he walk in 110 minutes? [1]
Solutions for the assessment Direct Proportion

1) 6 eggs
2) 12 cups of sugar
3) 1800 g
4) 20 g
5) 87 bottles
6) 36 bottles
7) 22 games
8) 7.25 miles