The skills in this series of exercises appear frequently.

These are the GIFTS you must take to succeed.

Numeracy Unit

Exercise 7

Direct Proportion   (Calculator)

Calculate:

1.   3 cappuccinos cost £10.20. How much will 4 cappuccinos cost?

2.   A proofreader checks 265 words in 5 minutes. How many can they check in 13 minutes?

3.   A runner maintaining constant speed, runs 5km in 22 minutes. How long should 8km take?

4.   7 kg of garden bark cost £19.95. How much will 20 kg cost?

5.   8 litres of paint covers 72 square metres of wall. How much will 2.5 litres cover?

6   500ml of milk costs £0.85. Is a 2 litre bottle priced proportionally at £3.50?

7.   A cyclist covers 27km in 90 minutes. How far could they go in 2 hours if they maintain pace?

8.   300 grams of diced beef costs £4.62. How much will 1 kilogram cost?

9.   340 grams of pasta is 425 calories. How many grams should someone wanting 600 calories eat?

10.   Asda has 2 kg of cornflakes priced at £7.20. Morrisons 750g for £2.55. Where is the best value?

Applying Question

Employees are given a bonus in proportion with their year of service to a company.

Jonathan   12 years
Graham   9 years
Susanne   5 years
Heather   13 years

Susanne is awarded £1485.

How much will the company pay out in total?