Reverse Percentages

Find 100% when:

(a) 50% is 26   (b) 20% is 61

(c) 17% is 40.8   (d) 6% is 1.5

(e) 120% is 66   (f) 155% is 145.7

(a) 52   (b) 305
(c) 240   (d) 25
(e) 55   (f) 94

(a) Paul spends 28% of his monthly income on rent, which is £700. What is his total monthly income?

(a) £2500

(b) 35% of Year 10 students take GCSE Spanish. If there are 63 Year 10 students who study Spanish, how many students are there in Year 10?

(b) 180

(c) A dress is reduced in a sale by 25%, which is £14. What is the original price of the dress? What is the sale price?

(c) £56

(d) A laptop costs £420 with 20% included. How much is the laptop excluding tax?

(d) £350

(e) In a sale, the price of a TV is reduced by 7% to £348.75. What was the original price of the TV?

(e) £375

(f) The population of a small village has fallen by 6% to 658. What was the population of the village before the decrease?

(f) 700

(g) An office worker receives a 6% pay increase, followed by an 8% pay increase. If her new salary is £1774.44, what was her original salary?

(g) £1550

(h) The value of a house increases by 0.35% to £291015. What was the original value of the house?

(h) £290 000