

Percentage Change

(a) In a school of 400 pupils, 260 are girls. What percentage of the pupils are girls?

(a) 65%

(b) The captain of a football team scored 17 out of the 85 goals scored that season. What percentage of the goals did he score?

(b) 20%

(c) A boy gets 29 out of 60 in his maths exam. What percentage did he score?

(c) 48.3% (1dp)

(d) In September it rained for 14 days. What percentage of days did it rain for?

(d) 46.7% (1dp)

(e) One day, 132 trains arrive at a railway station and 99 of them are late. What percentage of trains are on time?

(e) 25%

(f) A farmer has 120 sheep and 180 cows. What percentage of his animals are cows?

(f) 60%

(g) A painting is bought for £40 and sold for £50. What is the percentage profit?

(g) 25%

(h) A shop buys a shirt for £25, but it is damaged, and they have to sell it for £18. What is the percentage loss on the shirt?

(h) 28%

(i) In 2012 a house costs £210 000. In 2015 it is sold for £225 000. What is the percentage change in its price?

(i) 7.1% (1dp)

(j) A man buys a car for £18000. After one year the car is worth £15500. What is the percentage change in value?

(j) 13.9% (1dp)

(k) Currys buy TVs for £260 and sell them for £290. What is their percentage profit?

(k) 11.5% (1dp)

(l) A painting was sold at auction for £15000. It originally cost 50p. What was the percentage profit?

(l) 2999900%