

USING PERCENTAGES TO COMPARE AMOUNTS

1. Shoes in a sale are reduced in price from £60 to £42.
What is the percentage reduction?
2. A factory employing 300 people made 18 people redundant.
What percentage of the employees were made redundant?
3. Peter bought a new motor bike for £840 and sold it two years later for £378.
By what percentage had its value fallen in the two years?
4. A stereo system, normally sold for £215, is offered for sale at £180.60.
Calculate the percentage reduction in the normal price.
5. A shopworker received a wage increase from £160 per week to £165 per week.
What was the percentage increase?
6. Shona deposited £450 in a bank savings account. Interest paid after a year increased the amount in her account to £478.80.
What percentage rate of interest did the account pay?
7. Ali paid a deposit of £108 on a second-hand car costing £1350.
What percentage of the price was the deposit?
8. The number of pupils in a school grew from 1050 to 1500.
What was the percentage increase in the number of pupils?

9.

Mega Ace Games System

Normal Price £320

Sale Price £272

Find the percentage reduction on the Mega Ace Games System in the sale.

[1]

10.

Janet invests £50 in a building society for one year.
The interest rate is 6% per year.

(a) How much interest, in pounds, does Janet get?

Nisha invests £60 in a different building society. She gets £3 interest after one year.

(b) Work out the percentage interest rate that Nisha gets

[1]

11.

Nigel works in a service station and earns £6500 per year.
He is given a pay rise of 15%.

Ryan is a football player earning £75 000 per year. He is given a pay rise of 1.5%.

Who ends up with the biggest rise in pay?

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