

Working with Percentages

(a)	(b)	(c)	(d)
Farhan scores 35 out of 80 in a Science test. Find his score as a percentage. 43.75%	Express 11 as a percentage of 40. 27.5%	Write \$5.50 as a percentage of \$24, giving your answer to 1 decimal place. 22.9%	Calculate 14% of £60 £8.40
(e)	(f)	(g)	(h)
The price of a jacket increases from £30 to £37.50. Calculate the percentage change. 25%	Find 45 centimetres as a percentage of 2 metres. 22.5%	Tia earns £2100 per month and spends £800 on rent. What percentage of Tia's monthly income is spent on rent? 38.1%	Bill buys a phone for £95 and sells it for £108. Calculate his percentage profit to 1 decimal place. 13.7%
(i)	(j)	(k)	(l)
India buys a car for £12500 and sells it for £11600. Find the percentage loss. 7.2%	Calculate 72.5% of 380 275.5	Oscar the dog sleeps for 17 hours per day. What percentage of the day does Oscar sleep, to 1 decimal place? 70.8%	The pass mark in an exam is 80%. Uzma scores 46 out of 55 in the test. Has Uzma passed the exam? Explain. Uzma scores 83.6%, so yes
(m)	(n)	(o)	(p)
Tom buys a house for £185000 and sells it for £215000. Calculate his percentage profit to 1 decimal place. 16.2%	Hari buys 20 drinks for £14.50. He sells the drinks for 95p each. Calculate his percentage profit to 1 decimal place. 31.0%	Calculate 48% of 57% of 80 21.888	Iris buys a coat in the USA for \$48. She sells the coat in the UK for £52. The exchange rate is \$1 = £0.80. Find Iris's percentage profit. 35.4%