

Mixed Percentages Revision

(a)	(b)	(c)	(d)
<p>Work out 78% of 240 cm</p> <p style="text-align: center; color: red;">187.2 cm</p>	<p>In a sale, all prices are reduced by 15%. The normal price of a necklace is 90 euros. Work out the sale price of the necklace.</p> <p style="text-align: center; color: red;">76.50 euros</p>	<p>Corey's pay increases from £12.36 per hour to £14.11 per hour. Find the percentage increase to 1 decimal place.</p> <p style="text-align: center; color: red;">14.2%</p>	<p>Dele invests \$6000 for 4 years at 3% per annum compound interest. Calculate the value of his investment at the end of 4 years.</p> <p style="text-align: center; color: red;">\$6753.05</p>
(e)	(f)	(g)	(h)
<p>The value of a car depreciates by 14% per annum. At the end of 2017 the car is worth \$17500. How much is it worth at the end of 2020?</p> <p style="text-align: center; color: red;">\$11130.98</p>	<p>A train company increases all its ticket prices by 12.5%. A ticket from Preston to Crewe currently costs £48. How much will it cost after the increase?</p> <p style="text-align: center; color: red;">£54</p>	<p>The value of Pierre's investment increases by 6% to \$1971.60. Calculate the value of his investment before the increase.</p> <p style="text-align: center; color: red;">\$1860</p>	<p>Express 2.1 million as a percentage of 3.7 million, giving your answer to 1 decimal place.</p> <p style="text-align: center; color: red;">56.8%</p>
(i)	(j)	(k)	(l)
<p>Nick bought a motorbike and then sold it for £7457.60. If he made an 18% profit, how much did he pay for the motorbike?</p> <p style="text-align: center; color: red;">£6320</p>	<p>Zaneta invests \$650. Her investment earns 2.5% compound interest for the first 2 years, then 3.5% for the next 3 years. Work out the value of the investment after 5 years.</p> <p style="text-align: center; color: red;">\$757.15</p>	<p>Aleeza invested some money at a compound interest rate of 3.5% per annum. After 3 years the investment was worth \$2660.92. How much did Aleeza invest?</p> <p style="text-align: center; color: red;">\$2400</p>	<p>A clothes shop has a 15% off sale. In the sale a jumper is reduced by £6. What was the original price of the jumper?</p> <p style="text-align: center; color: red;">£40</p>