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| **Mixed Percentages Revision** | | | |
| **(a)** | **(b)** | **(c)** | **(d)** |
| Work out 78% of 240 cm | 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. | Corey’s pay increases from £12.36 per hour to £14.11 per hour. Find the percentage increase to 1 decimal place. | Dele invests $6000 for 4 years at 3% per annum compound interest. Calculate the value of his investment at the end of 4 years. |
| **(e)** | **(f)** | **(g)** | **(h)** |
| 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? | 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? | The value of Pierre’s investment increases by 6% to $1971.60. Calculate the value of his investment before the increase. | Express 2.1 million as a percentage of 3.7 million, giving your answer to 1 decimal place. |
| **(i)** | **(j)** | **(k)** | **(l)** |
| 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? | 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. | 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? | 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? |