Year 11 Mathematics Learning Journey: Unit 10 - Fractions, Decimals \& Percentages


 A circle's area is increased by $5 \%$. Find the increase in the circle's radius. Give your answer to 1 decimal place.

 percentage change A car's value is decreasing by $x \%$ each year. The ar will half in value in 5 years. Work out the value of $x$, to 1 decimal place. 3 years. He gets simple interest of 4\% per year. Work out the total interest Harry gets.

| Step 2: Increase and decrease by a <br> given percentage |  |
| :---: | :---: |
| In a sale, normal prices are reduced by <br> 17\%. The normal sale of a washing <br> machine is reduced by $£ 42.50$. Work out <br> the sale price of the washing machine. | Step 1: Terminating <br> and recurring decimals |
| Write 0.7 as a fraction in <br> its simplest form. |  |

