## Crack the code Percentage Increase \& Decrease

| A | Increase 62 by $21 \%$ | B | Increase 29 by 43\% |
| :---: | :---: | :---: | :---: |
| C | Decrease 48 by 26\% | D | Decrease 195 by 95\% |
| E | Increase 80 by $14.5 \%$ | F | Decrease 52 by 44\% |
| G | Decrease 295 by 86\% | H | Increase 21 by 32.5\% |
| I | Decrease 157 by 48.5\% | J | Increase 33 by 58.5\% |
| K | Increase 11 by 40\% then by 2.5\% | L | Decrease 200 by 49\% then by 39\% |
| M | A factory employed 120 people. It reduced the number of workers by $30 \%$. How many workers remain? | N | A 20\% decrease followed by a 20\% increase is equivalent to what percentage decrease overall? |
| 0 | A tracksuit which costs $£ 30$ is in a $17.5 \%$ off sale. How much has it been reduced by? | P | A mobile phone costs $£ 60$ plus $11.5 \%$ tax. How much does it cost including tax? |
| Q | A TV costs $£ 200$. Its price is increased by 10\%, then decreased by $20 \%$. What is its new price? | $\mathbf{R}$ | A dress which originally cost $£ 45$ is reduced by $37.5 \%$ in a summer sale. What is its sale price? |

To get the three-digit code, add all your answers together and round to the nearest integer.

