# Decode the Maths Joke

## Percentage Increase and Decrease

Calculate a value for each of the letters of the alphabet.

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|---|---|---|
| **A** | Increase £50 by 10% | |
| **B** | Increase £60 by 15% | |
| **C** | Decrease £80 by 25% | |
| **D** | Increase £40 by 75% | |
| **E** | Decrease £85 by 20% | |
| **F** | Increase £55 by 23% | |
| **G** | Decrease £90 by 37% | |
| **H** | Increase £70 by 11% | |
| **I** | Increase £35 by 64% | |
| **J** | Decrease £120 by 56% | |
| **K** | Decrease £68 by 14% | |
| **L** | Increase £48 by 27% | |
| **M** | Decrease £750 by 90% | |

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|---|---|---|
| **N** | Increase £50 by 7% | |
| **O** | Increase £67 by 9% | |
| **P** | Decrease £56 by 1% | |
| **Q** | Increase £37 by 17.5% | |
| **R** | Decrease £77 by 3% | |
| **S** | Increase £52 by 12.5% | |
| **T** | Decrease £80 by 23.5% | |
| **U** | Decrease £63 by 2.5% | |
| **V** | Increase £54 by 32.5% | |
| **W** | Decrease £140 by 67.5% | |
| **X** | Increase £45 by 4.8% | |
| **Y** | Increase £57 by 9.9% | |
| **Z** | Decrease £65 by 7.2% | |

Now decode the joke….

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| £45.50 | £77.70 | £62.64 | | £70 | £57.40 | £70 | | £61.20 | £77.70 | £68 | | £61.20 | £45.50 |
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|---|---|---|---|---|---|---|---|---|---|---|---|
| £73.03 | | £67.65 | £73.03 | £61.43 | £74.69 | £58.50 | | £58.50 | £58.48 | £57.40 | £55.44 |
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| £60.96 | £61.43 | £53.50 | £60 | £77.70 | ? | | £61.20 | £77.70 | £68 | £62.64 | | £55 | £60.96 |
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|---|---|---|---|---|---|---|---|---|---|---|---|
| £74.69 | £68 | £55 | £70 | £62.64 | | £68 | £57.40 | £56.70 | £77.70 | £61.20 | ! |
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