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| **Decode the Joke** | **Fractions, Decimals, Percentages** |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **A** | Write $0.65$ as a percentage |  |  | **N** | Write $0.98$ as a fraction |  |
| **B** | Write $85\%$ as a decimal |  |  | **O** | Write $2.5\%$ as a decimal |  |
| **C** | Write $\frac{9}{10}$ as a percentage |  |  | **P** | Write $\frac{11}{50}$ as a percentage |  |
| **D** | Write $75\%$ as a fraction |  |  | **Q** | Write $0.65$ as a fraction |  |
| **E** | Write $0.7$ as a fraction |  |  | **R** | Write $\frac{17}{50}$ as a decimal |  |
| **F** | Write $\frac{1}{4}$ as a decimal |  |  | **S** | Write $0.065$ as a percentage |  |
| **G** | Write $0.24$ as a percentage |  |  | **T** | Write $0.14$ as a fraction |  |
| **H** | Write $87\%$ as a decimal |  |  | **U** | Write $\frac{871}{1000}$ as a decimal |  |
| **I** | Write $0.07$ as a fraction |  |  | **V** | Write $3.5\%$ as a fraction |  |
| **J** | Write $\frac{4}{5}$ as a percentage |  |  | **W** | Write $\frac{7}{25}$ as a decimal |  |
| **K** | Write $60\%$ as a fraction |  |  | **X** | Write $0.024$ as a percentage |  |
| **L** | Write $\frac{81}{100}$ as a decimal |  |  | **Y** | Write $7.5\%$ as a fraction |  |
| **M** | Write $1.5$ as a percentage |  |  | **Z** | Write $2\frac{9}{25}$ as a percentage |  |

Now decode the joke….

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| $$0.28$$ | $$0.87$$ | $$65\%$$ | $$\frac{7}{50}$$ |  | $$\frac{3}{4}$$ | $$\frac{7}{100}$$ | $$\frac{3}{4}$$ |  | $$\frac{7}{50}$$ | $$0.87$$ | $$\frac{7}{10}$$ |  | $$90\%$$ | $$65\%$$ |
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| $$0.81$$ | $$90\%$$ | $$0.871$$ | $$0.81$$ | $$65\%$$ | $$\frac{7}{50}$$ | $$0.025$$ | $$0.34$$ |  | $$6.5\%$$ | $$65\%$$ | $$\frac{3}{40}$$ |  | $$\frac{7}{50}$$ | $$0.025$$ |
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| $$\frac{7}{50}$$ | $$0.87$$ | $$\frac{7}{10}$$ |  | $$22\%$$ | $$0.871$$ | $$22\%$$ | $$\frac{7}{100}$$ | $$0.81$$ | ? |  | $$\frac{3}{40}$$ | $$0.025$$ | $$0.871$$ |
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| $$90\%$$ | $$65\%$$ | $$\frac{49}{50}$$ |  | $$90\%$$ | $$0.025$$ | $$0.871$$ | $$\frac{49}{50}$$ | $$\frac{7}{50}$$ |  | $$0.025$$ | $$\frac{49}{50}$$ |  | $$150\%$$ | $$\frac{7}{10}$$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |