



Comparing fractions and decimals: money - answers

Here is the completed table (new entries are in **bold**):

| p | £ (decimal) | Fraction of £1 |
|------------|--------------|------------------|
| 50p | £0.50 | $\frac{1}{2}$ |
| 25p | £0.25 | $\frac{1}{4}$ |
| 75p | £0.75 | $\frac{3}{4}$ |
| 10p | £0.10 | $\frac{1}{10}$ |
| 20p | £0.20 | $\frac{1}{5}$ |
| 5p | £0.05 | $\frac{1}{20}$ |
| 70p | £0.70 | $\frac{7}{10}$ |
| 7p | £0.07 | $\frac{7}{100}$ |
| 39p | £0.39 | $\frac{39}{100}$ |

With all these questions remember there are 100 pence to the pound.

- 45p is the same as $\frac{45}{100}$ which can be **simplified to** $\frac{9}{20}$.
- a. $\frac{1}{100}$ is the same as £0.01 or **1p**.
b. $10,000 \times £0.01 =$ **£100**.
- a. £0.90 is the same as **90p**.
b. 90 pence is the same as $\frac{90}{100}$. This fraction can be **simplified to** $\frac{9}{10}$.
- First work out $\frac{1}{5}$ of a pound. Looking at this table this is £0.20.
Multiply £0.20 by 2 to get $\frac{2}{5}$
 $£0.20 \times 2 = £0.40$
There are **20 two pence pieces in £0.40**.
- a. £0.04 is the same as $\frac{4}{100}$ which can be **simplified to** $\frac{1}{25}$.
b. Multiply £0.04 by 1,000 = **£40**