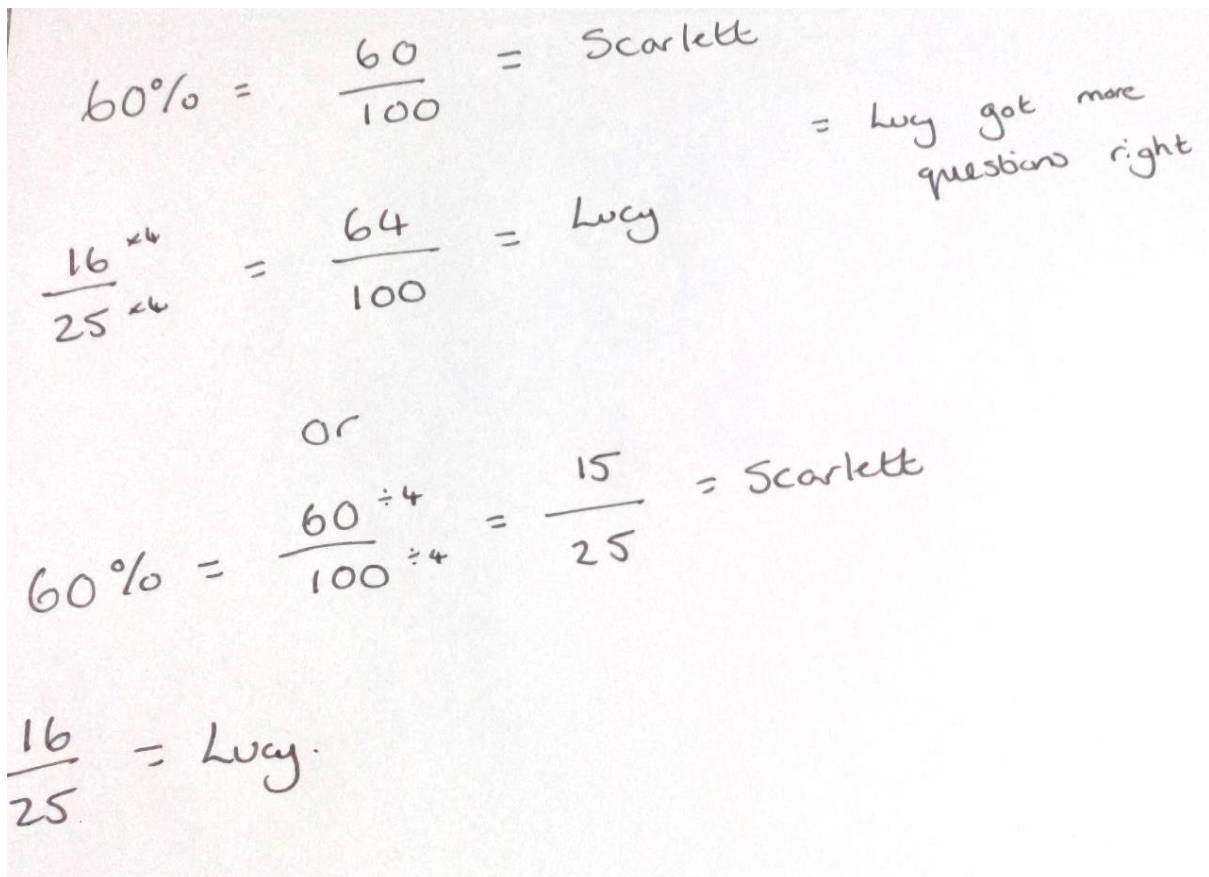


- **Objective:** Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

### Year 6 Task:

Class 6T completed a test. Scarlett said she got 60% of her answers correct whilst Lucy said that she scored  $\frac{16}{25}$ . Who got the most questions correct on the test?

#### Worked example:


$$60\% = \frac{60}{100} = \text{Scarlett}$$
$$\frac{16}{25} \times \frac{4}{4} = \frac{64}{100} = \text{Lucy}$$

= Lucy got more questions right

or

$$60\% = \frac{60 \div 4}{100 \div 4} = \frac{15}{25} = \text{Scarlett}$$
$$\frac{16}{25} = \text{Lucy.}$$

**Variation**

Class 6T completed a test. Scarlett said she got 68% of her answers correct whilst Lucy said that she scored 18/25. Who got the most questions correct on the test?

*Show your working here:*

Answer: Scarlett scored:  $68\% = 17/25$ . Lucy scored  $72\% = 18/25$ . Therefore, Lucy scored the highest mark in the test.

Class 6T completed a test. Scarlett said she got 76% of her answers correct whilst Lucy said that she scored 19/25. Who got the most questions correct on the test?

*Show your working here:*

Answer: Scarlett scored  $76\% = 19/25$ . Lucy scored  $76\% = 19/25$ . They scored the same.