

## Sheet 8: Percentages, Fractions and Decimals

### Worked example:

Max the monkey says: 'To turn 50% into a fraction, write it as 50/100 and simplify to 1/2. As a decimal, it is 0.5.'

**Answer:**  $50\% = 1/2 = 0.5$

- **Write the missing fraction and decimal for each percentage:**

25% = \_\_\_\_ = \_\_\_\_    10% = \_\_\_\_ = \_\_\_\_    50% = \_\_\_\_ = \_\_\_\_

- **Draw a line to match the percentage to its decimal equivalent:**

25% --- 0.1    10% --- 0.5    50% --- 0.25

- **Zara the zebra has 100 paint pots. If she uses 25% of them, write this as a fraction and a decimal.**

Fraction:    Decimal:

- **If an item costs £1.00, what is 10% of that price written as a decimal?**

£

- **Complete the sequence: 10% is 0.1, 25% is 0.25, 50% is \_\_\_\_.**

0.5

*Self-check: Check your decimals: 10% should have the digit in the tenths place, and 25% should have digits in the tenths and hundredths places.*

**Ready for next: Once you can confidently swap between percentages, fractions, and decimals, you are ready to calculate percentages of amounts!**