

Sheet 7: Dividing by 10 and 100

Worked example:

Max the monkey says: 'When I divide 45.0 by 10, the digits move one place to the right.' $45.0 \div 10 = 4.5$

Answer: 4.5

- **Divide these numbers by 10 (move the digits one place to the right):**

$$7.2 \div 10 = 34.0 \div 10 = 9.5 \div 10 =$$

- **Divide these numbers by 100 (move the digits two places to the right):**

$$600 \div 100 = 450 \div 100 = 82 \div 100 =$$

- **Max has £3.50. If he shares it equally between 10 friends, how much does each friend get?**

$$£3.50 \div 10 = £$$

Self-check: Check your answers by multiplying your result by 10 or 100 to see if you get back to the original number.

Ready for next: Once you can confidently slide your digits to the right, you are ready to learn how decimals relate to percentages!