

Decimal Numbers

1) Find the value of the  in each calculation.

$$0.6 \times \triangle = 60 \quad 0.07 \times 100 = \triangle$$

$$91 \div \triangle = 0.91 \quad 817 \div \triangle = 0.817$$

2) True or false?

To multiply by 100 you just stick two zeros on the end of the number. Explain your answer.

3) Four children are thinking of four different numbers.

6.672

6.766

5.697

6.6721

David says "My number has more tenths, hundredths and thousandths than ones."

Sarah says "My number has the same amount of ones, hundredths and thousandths."

Anna says "My number has four decimal places."

Alex says "My number has the same amount of ones and tenths."

Can you match each decimal to the correct number?

Decimal Numbers

1) Find the value of the  in each calculation.

$$0.6 \times \overset{100}{\triangle} = 60 \quad 0.07 \times 100 = \overset{7}{\triangle}$$
$$91 \div \overset{100}{\triangle} = 0.91 \quad 817 \div \overset{1000}{\triangle} = 0.817$$

2) True or false?

To multiply by 100 you just stick two zeros on the end of the number. Explain your answer.

False, for example 2.33×100 wouldn't simply require two 0's on the end as it would become 233

3) Four children are thinking of four different numbers.

6.672

6.766

5.697

6.6721

David says "My number has more tenths, hundredths and thousandths than ones." **5.697**

Sarah says "My number has the same amount of ones, hundredths and thousandths." **6.766**

Anna says "My number has four decimal places." **6.6721**

Alex says "My number has the same amount of ones and tenths." **6.672**

Can you match each decimal to the correct number?