

Date T: use known division facts to calculate division with decimals

Example: $25 \div 5 = 5$ $2.5 \div 5 = 0.5$

Remember you can count up in what you are dividing by to check your answer

0.5, 1, 1.5, 2, 2.5

or

$0.5 + 0.5 + 0.5 + 0.5 + 0.5 = 2.5$, so $2.5 \div 5 = 0.5$

1) $9 \div 3 =$ $0.9 \div 0.3 =$

2) $20 \div 5 =$ $2 \div 0.5 =$

3) $18 \div 3 =$ $1.8 \div 0.3 =$

4) $16 \div 4 =$ $1.6 \div 0.4 =$

5) $12 \div 2 =$ $1.2 \div 0.2 =$

6) $24 \div 6 =$ $2.4 \div 0.6 =$

7) $18 \div 2 =$ $1.8 \div 0.2 =$

8) $28 \div 4 =$ $2.8 \div 0.4 =$

9) Louise explains to her friend that because $35 \div 7 = 5$, she can work out that $35 \div 0.7 = 5$. Is she right? **Explain how you know.**

10) Darren tells his little brother how knowing that $12 \div 3 = 4$, means you can tell that $1.2 \div 0.3 = 4$ as well. Is he right? **Explain how you know.**