

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

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

Remember you can use repeated addition to check your answers

e.g.  $0.5 + 0.5 + 0.5 + 0.5 + 0.5 = 2.5$

1)     $3 \times 3 =$              $3 \times 0.3 =$

2)     $4 \times 5 =$              $4 \times 0.5 =$

3)     $2 \times 8 =$              $2 \times 0.8 =$

4)     $3 \times 4 =$              $0.3 \times 4 =$

5)     $7 \times 2 =$              $0.7 \times 2 =$

6)     $5 \times 3 =$              $0.5 \times 3 =$

7)     $5 \times 7 =$              $5 \times 0.7 =$

8)     $6 \times 4 =$              $0.6 \times 4 =$

9)    Lewis tells his teacher that because he knows  $4 \times 4 = 16$ , that he also knows  $4 \times 0.4 = 0.016$ . Is he right? **Explain how you know?**

10)   Martha lets her mum know that knowing that  $5 \times 6 = 30$  means you can calculate that  $0.5 \times 6 = 3$ . Is she right? **Explain how you know?**