

## **Multiplying with Decimals**

## Mental Maths Warm Up

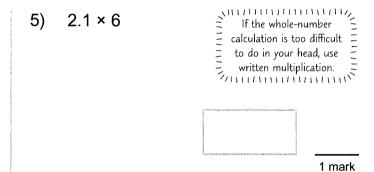
Answer these as quickly as you can, saying your answer out loud or in your head...

- 1) What is two lots of 0.5?
- 2)  $15 \times 4 = 60$ . What's  $1.5 \times 4$ ?
- 3) Ailsa is working out 2.3 × 9. Which whole numbers can she multiply to help her?
- 4) Is the answer to 0.7 × 8 more or less than 56?

**Answers:** 1) 1 2) 6 3) E.g. 23 × 9 4) less

Now try these. Do your working in the spaces, and copy your answers into the boxes. Write your answers as decimals where necessary. One has been done for you.

1)	$0.7 \times 3$	
	$7 \times 3 = 21$ First do a whole-number calcu	lation.
	$21 \div 10 = 2.1$	
	42	
	7 is 10 times as big	
	as O.7. So divide the 2.1	



2)	0.4 ^ 5	
		LAAFERSLUB PALAMENTA POOLA POLAMENTA BOOM BANGARA DAGA BANGARA



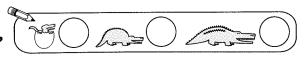


## **Multiplying with Decimals**

00	and the same				
9)	0.12 × 2	Here the whole number will be 100 = times bigger than the decimal, so = divide by 100 at the end.	13) 1.34 × 4		
10)	0.22 × 3	1 mark	14) 8.13 × 9	A STATE OF THE PARTY OF T	1 mark
11)	0.73 × 7	T mark	15) 46.37 × 6	THE THREAD AND AND AND AND AND AND AND AND AND A	1 mark
12)	2.13 × 3	1 mark	16) 16.59 × 8		1 mark

Calcugators can multiply numbers with up to two decimal places by a whole number. How about you?

1 mark



1 mark