

Phase 7 Multiplication and Division

Phase 7 Multiplication and Division	Assessment Note	Marks
I can use multiplication and division facts to the 10th multiplication table.	See suggested activity to identify the gaps in multiplication facts.	
I can solve start unknown, change unknown and result unknown	Question 1	
I can multiply and divide whole numbers by multiples of 10, 100 and 1000.	Question 2 Note: These are word problems as in the Phase 6 assessment they are asked to answer number sentences	
I can multiply and divide decimal fractions to two decimal places by 10, 100 and 1000.	Question 3	
I can multiply whole numbers by two digit numbers.	Question 5	
I can multiply decimal fractions to two decimal places by a single digit.	Question 6	
I can divide whole numbers and decimal fractions to two decimal places, by a single digit, including answers expressed as decimal fractions, for example, $43 \div 5 = 8.6$	Question 7	
I can apply the correct order of operations in number calculations when solving multi-step problems	Question 8	

Question	Mark
1	
<p>(a) Fill in the missing number</p> $\square \times 100 = 2400$	
<p>(b) Fill in the missing number</p> $25 \times \square = 200$	
<p>(c) Fill in the missing number</p> $20 \times 6 = \square$	
2	
<p>(a) In a shop a pack of 5 batteries cost £18. How much would 40 packs cost?</p> <p>Show your thinking?</p>	

(b)	<p>Material costs £24 per square metre. How much would 300 square metres of material cost?</p> <p>Show your thinking.</p>	
(c)	<p>John knows that on a map for every 1cm is the same as 2000km in real life. How long is a real life journey that measures 4cm on the map?</p> <p>Show your thinking.</p>	
(d)	<p>A bank machine has £1400 in £50 notes. How many notes are there in the machine?</p> <p>Show your thinking.</p>	
(e)	<p>1800 newspapers need to be delivered. There are 600 delivery people. If they each deliver the same amount, how many newspapers does each deliver?</p> <p>Show your thinking.</p>	

3		
(a)	54.75×10	
(b)	135.09×100	
(c)	42.97×1000	
(d)	$89.4 \div 10$	
(e)	$452 \div 100$	
(f)	$8902 \div 1000$	

5		
(a)	23×3 Show your thinking.	
(b)	431×6 Show your thinking.	
(c)	3251×8 Show your thinking.	
(d)	7×59 Show your thinking.	

6	I can multiply decimal fractions to two decimal places by a single digit.	
(a)	6.2 x 4 Show your thinking.	
(b)	7.2 x 6 Show your thinking.	
(c)	9.14 x 5 Show your thinking.	

7		
(a)	$9.63 \div 3$ Show your thinking.	
(b)	$48.6 \div 6$ Show your thinking.	
(c)	$742.7 \div 7$ Show your thinking.	

(d)	$23 \div 5$ Show your thinking.	
(e)	$45.8 \div 4$ Show your thinking.	
8		
	<p>A box of labels costs £24. There are 100 sheets in the box. There are 10 labels on each sheet. Calculate the cost of one label, in pence.</p> <p>Show your thinking.</p>	