

Phase 4 Multiplication and Division

Phase 4 Multiplication and Division	Assessment Note	Marks
I can recall 2, 3, 4, 5 and 10 multiplication facts (times tables)	Question 1	
I can apply strategies to determine multiplication facts, for example, repeated addition, grouping, arrays and multiplication facts.	Question 2	
I can apply strategies to determine division facts, for example, repeated subtraction, equal groups, sharing equally, arrays and multiplication facts.	Question 3	
I can apply knowledge of inverse operations (multiplication and division).	Question 4	
I can use multiplication and division facts to solve problems within the number range 0 to 1000.	Have you observed your learners doing this?	
I can multiply and divide whole numbers by 10 and 100 (whole number answers only).	Question 5	
I can solve two step problem.	Question 6	
Uses correct mathematical vocabulary when discussing the four operations including, subtract, add, sum of, total, multiply, product, divide and shared equally (Note: This benchmark goes across a number of areas)	Have you observed your learners doing this?	

Question	Mark
1	
(a)	
Fill in the missing number $2 \times \square = 20$	
(b)	
Fill in the missing number $10 \times \square = 10$	
(c)	
Anna is counting in threes starting at 15: 15, 18, \square , \square , 27, \square Fill in the missing numbers.	
(d)	
Oskar is counting in fours starting at 12: 12, 16, \square , \square , \square , 32, 36, \square Fill in the missing numbers.	

2		1
(a)	<p>John is organising a birthday party and putting cups on the table. He sets the cups out in rows of 3. So far, she has set out 5 rows. How many cups is this?</p> <p>Show your thinking here.</p>	
(b)	<p>Lucy has 24 pegs. She uses 4 pegs to hang out each piece of clothing. How many pieces of clothing can she hang out?</p> <p>Show your thinking here.</p>	
3		
(a)	<p>In a cinema there are 24 seats. There are 4 rows of seats. How many people can sit in each row?</p> <p>Show your thinking here.</p>	1

(b)	Four friends share 32 sweets equally between them. How many do they each get? Show your thinking here.	
(c)	Chocolate biscuits come in packs (groups) of 3. Sally wants to buy 27 biscuits in total. How many packs will she need to buy? Show your thinking here.	1

4



I know that

$$3 \times 6 = 18$$

Write two division number sentences using fact.

5

(a) 50×10

(b) 5×100

(c) $320 \div 10$

(d) $500 \div 100$

6	There four bags with five marbles in each bag. If the marbles between 2 people, how many marbles will each person get.	
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