Maths Assessment Year 3 Term 2: Multiplication and Division

1. Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

2. Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods.

3. Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects.

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1. Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

   Fill in the missing numbers:

   ☐ x 3 = 24   32 ÷ 4 = ☐   4 x 7 = ☐

   ☐ ÷ 8 = 5   27 ÷ 3 = ☐   ☐ x 8 = 64

   6 marks

2. Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods.

   a) Complete these calculations, using the top calculation to help solve the calculation below.

8 x 2 =	6 ÷ 3 =
80 x 2 =	60 ÷ 3 =

   4 marks

   b) Use written methods to complete these calculations.

17 x 8 =	32 x 4 =
75 ÷ 3 =	95 ÷ 5 =

   4 marks

/20 total marks

6 marks

4 marks

4 marks

Total for this page

3. Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects.

a) Susan spent 75p on a bag of sweets. Each sweet costs 5p. How many sweets were in her bag?

b) A bag of marshmallows weighs 50g. Gemma needs 400g of marshmallows for a recipe. How many bags does she need?

c) A handwriting pen is 8cm long. Holly measures a table with pens and finds the table is 12 pens long and 7 pens wide. What are the length and width of the table?

length [ ] cm

width [ ] cm

d) Matthew has 60p. He wants to buy 3 pencils that are 12p each. With the rest of his money he will buy rubbers which cost 6p each. How many rubbers will he buy?

2 marks

4 marks

Total for this page

Answer Sheet: Maths Assessment Year 3 Term 2: Multiplication and Division

question	answer	marks	notes
1. Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.			
	8 x 3 = 24 32 ÷ 4 = **8** 4 x 7 = **28** **40** ÷ 8 = 5 27 ÷ 3 = **9** **8** x 8 = 64	6	Award 1 mark for each correct answer.
2. Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods.			
a	**16** **2** **160** **20**	4	Award 1 mark for each correct answer.
b	**136** **128** **25** **19**	4	Award 1 mark for each correct answer. Do not award a mark if no written method has been shown.
3. Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects.			
a	15	1	
b	8	1	
c	96cm 56cm	2	1 mark for each correct answer.
d	4 rubbers	2	1 mark for correctly working out that he spends 24p on the rubbers
		Total 20	