



# Scheme B **Times Tables** Booklet

Scheme B





Name:	
Class: _	

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Name:		_ Class:	
1			
2 × 3 =	10 × 4 =	4 × 8 =	6 x 4 =
8 x 3 =	2 x 4 =	6 x 3 =	3 x 8 =
5 x 4 =	7 × 8 =	4 × 4 =	9 x 3 =
6 x 8 =	10 × 3 =	11 × 4 =	10 × 8 =
7 × 3 =	3 x 4 =	9 × 8 =	8 x 4 =
11 × 8 =	4 × 3 =	12 × 3 =	5 x 8 =
7 × 4 =	5 x 3 =	9 × 4 =	11 × 3 =
8 × 8 =	12 × 4 =	3 × 3 =	12 x 8 =
2			
3 × 8 =	4 x 3 =	5 x 4 =	6 x 8 =
2 × 4 =	8 x 8 =	6 x 3 =	11 × 3 =
2 × 8 =	4 × 4 =	10 × 8 =	9 x 4 =
3 x 3 =	5 x 8 =	7 × 4 =	8 x 3 =
10 × 4 =	5 x 3 =	11 × 8 =	6 x 4 =
7 x 3 =	3 x 4 =	12 × 3 =	4 × 8 =
11 × 4 =	9 × 3 =	7 × 8 =	8 x 4 =
10 × 3 =	12 × 4 =	9 x 8 =	12 × 8 =
1-1-		C	Total
1 11	1		
	/		Total

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Name:		_ Class:	
3			
4 × 4 =	6 x 3 =	3 x 8 =	8 × 4 =
5 x 3 =	9 x 8 =	7 x 3 =	6 x 8 =
3 x 4 =	10 × 3 =	6 x 4 =	4 x 3 =
5 x 8 =	9 × 4 =	8 × 8 =	7 x 4 =
8 x 3 =	7 × 8 =	11 × 4 =	12 x 3 =
10 × 4 =	3 × 3 =	5 x 4 =	11 x 8 =
4 × 8 =	2 × 4 =	11 × 3 =	12 × 4 =
9 x 3 =	10 × 8 =	2 x 3 =	12 × 8 =
		To	tal
4			
5 × 8 =	3 x 4 =	6 x 3 =	8 × 4 =
4 x 3 =	7 x 8 =	10 × 4 =	9 x 3 =
3 x 8 =	8 x 3 =	9 x 8 =	6 x 4 =
11 × 4 =	8 x 8 =	7 × 3 =	12 × 8 =
10 × 3 =	7 × 4 =	6 x 8 =	11 × 3 =
9 × 4 =	10 × 8 =	5 x 4 =	4 x 8 =
5 x 3 =	4 × 4 =	3 x 3 =	12 x 4 =
11 × 8 =	2 x 4 =	2 x 8 =	12 x 3 =
		То	tal
		Тс	tal

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Name:		_ Class:	
5			
2 × 3 =	7 x 4 =	8 × 6 =	4 × 8 =
7 x 8 =	3 x 4 =	4 x 4 =	9 x 3 =
4 x 6 =	8 × 11 =	3 x 8 =	9 x 8 =
7 × 3 =	5 × 4 =	10 × 8 =	3 x 6 =
4 × 9 =	11 × 3 =	4 x 2 =	8 x 5 =
12 × 8 =	10 × 4 =	8 x 3 =	3 x 3 =
4 × 12 =	3 × 10 =	11 × 4 =	8 x 8 =
8 × 10 =	3 x 5 =	12 x 3 =	2 x 8 =
		Tot	al
6			
<b>0</b> 5 x 3 =	6 x 4 =	8 x 2 =	2 x 3 =
6 x 8 =	8 x 3 =	4 × 7 =	8 x 9 =
3 x 7 =	9 x 4 =	8 x 8 =	4 x 3 =
4 × 10 =	8 x 4 =	3 x 9 =	4 × 11 =
9 x 3 =	3 x 3 =	11 × 8 =	12 x 4 =
10 × 3 =	4 × 4 =	8 × 7 =	2 x 4 =
3 × 12 =	5 x 8 =	5 x 4 =	3 x 11 =
10 × 8 =	8 x 6 =	6 x 3 =	8 × 12 =
		Tot	:al
		_	
	1	То	tal

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Name:		_ Class:	
7			
8 × 6 =	3 x 4 =	8 × 5 =	4 x 6 =
7 × 3 =	4 x 8 =	5 x 3 =	8 x 8 =
3 × 11 =	5 x 4 =	7 x 8 =	4 x 2 =
7 × 4 =	8 x 4 =	3 x 6 =	10 × 8 =
8 × 3 =	4 × 4 =	8 × 9 =	4 × 12 =
3 × 2 =	12 × 3 =	4 × 11 =	2 x 8 =
4 × 9 =	10 × 4 =	3 × 10 =	9 x 3 =
3 x 3 =	11 × 8 =	6 x 4 =	8 × 12 =
		Тс	otal
0			
<b>O</b> 9 x 3 =	8 x 3 =	4 x 3 =	9 x 8 =
3 x 7 =	5 x 4 =	8 x 2 =	3 x 9 =
4 × 8 =	8 x 7 =	4 x 7 =	6 x 8 =
5 x 3 =	3 × 11 =	10 × 8 =	2 x 3 =
12 × 4 =	3 x 8 =	3 x 3 =	8 x 5 =
11 × 8 =	2 x 4 =	8 x 8 =	3 x 12 =
4 × 4 =	12 × 8 =	9 x 4 =	6 x 3 =
4 × 10 =	11 × 4 =	4 x 6 =	3 × 10 =
		Τα	otal

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Name:		_ Class:	
9			
4 × 3 =	7 x 4 =	8 × 8 =	18 ÷ 3 =
10 × 3 =	3 x 8 =	20 ÷ 4 =	4 x 8 =
9 x 3 =	56 ÷ 8 =	3 x 5 =	8 x 9 =
21 ÷ 3 =	4 × 6 =	11 × 8 =	28 ÷ 4 =
9 × 4 =	8 × 2 =	4 × 11 =	4 × 10 =
40 ÷ 8 =	4 × 4 =	9 ÷ 3 =	12 × 4 =
8 × 6 =	3 × 12 =	12 ÷ 4 =	10 × 8 =
11 x 3 =	48 ÷ 4 =	8 x 5 =	3 x 7 =
		Тс	otal
10 3 × 4 =	8 × 4 =	3 × 6 =	16 ÷ 4 =
9 × 8 =	8 × 3 =	48 ÷ 8 =	4 × 7 =
27 ÷ 3 =	8 x 8 =	11 × 4 =	7 x 3 =
3 x 5 =	24 ÷ 4 =	6 x 3 =	7 × 8 =
2 x 9 =	3 × 9 =	4 × 12 =	12 ÷ 3 =
72 ÷ 8 =	8 × 5 =	3 x 3 =	8 × 12 =
3 × 11 =	8 × 7 =	6 x 4 =	24 ÷ 3 =
10 × 8 =	4 x 9 =	44 ÷ 4 =	12 x 3 =
		т,	stal
1 11	1		
		Т	otal

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Name:		_ Class:		
1				
▲ 5 × 3 =	10 × 4 =	6 x 8 =	6 ÷ 3 = _	
8 × 11 =	3 x 7 =	32 ÷ 4 =	8 x 3 = _	
4 x 6 =	64 ÷ 8 =	3 x 3 =	5 x 4 = _	
21 ÷ 3 =	4 × 8 =	11 × 8 =	8 ÷ 4 =	
9 x 3 =	3 × 12 =	56 ÷ 8 =	4 x 4 =	
8 x 9 =	15 ÷ 3 =	7 × 4 =	12 × 8 =	
3 x 8 =	8 × 7 =	36 ÷ 4 =	4 x 3 =	
80 ÷ 8 =	11 × 3 =	12 × 4 =	3 x 6 =	
			otal	
2)				
3 × 10 =	4 x 3 =	8 x 8 =	9 ÷ 3 = _	
9 × 4 =	8 x 6 =	32 ÷ 8 =	7 x 3 = _	
40 ÷ 4 =	3 × 12 =	4 × 7 =	3 x 8 = _	
2 x 3 =	4 × 4 =	18 ÷ 3 =	10 × 8 = _	
4 × 11 =	3 x 4 =	8 × 12 =	24 ÷ 8 = _	
28 ÷ 4 =	6 x 4 =	3 x 9 =	7 x 8 = _	
8 x 3 =	4 × 10 =	33 ÷ 3 =	9 x 8 = _	
12 × 4 =	5 x 3 =	8 x 7 =	20 ÷ 4 = _	
		Ŀ	otal	
	1			
	_			



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## x3, x4, x8 Word Problems

1. An octopus has eight legs. How many legs are there on two octopuses?



A tricycle has three wheels. How many wheels do six tricycles have altogether?



A horse has four legs. How many legs do eight horses have altogether?



There are eight lollies in each pack. Jay buys seven packs of lollies for a party. How many lollies does Jay buy altogether?

- 5. Leon buys nine cuddly toys. Each cuddly toy costs £4. How much does Leon spend altogether?
- 6. Isla uses 3m of sticky tape to make a model. How much sticky tape does she use to make 12 models?
- 7. A class of children are told to get into groups of eight. There are three groups of children. How many children are there altogether?



Fred's cat weighs 4kg. His dog weights six times as much as his cat. How much does Fred's dog weigh?

- 9. Jodie takes three minutes to brush her teeth. She brushes them once each day. How long does Jodie take brushing her teeth in one week?
- 10. Josh makes a tower from eight toy bricks. Each brick is 8cm high. How high is the tower?

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Total



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#### x3, x4, x8 Associative Law Problems with Multiples of 10 or 100

15

Problems including number facts in the times table where one of the numbers is multiplied by 10 or 100 can be solved by breaking the larger numbers into smaller numbers that are in the times tables. Below shows an example.

 $20 \times 8$  is the same as  $2 \times 10 \times 8$  which is the same as  $10 \times 2 \times 8$ 

This is true because  $2 \times 10$  is the same as  $10 \times 2$ . See this array of dog bones.



Now calculate the result of  $10 \times 2 \times 8$  by first multiplying  $2 \times 8$  to leave  $10 \times 16$ . The final answer is  $10 \times 16 = 160$ .

1.	30 x 8 =	same as	x x 8	same as	× × 8
2.	60 x 3 =	same as	xx 3	same as	x x 3
3.	50 x 4 =	same as	xx 4	same as	x x 4
4.	80 x 4 =	same as	x x 4	same as	x x 4
5.	60 x 8 =	same as	x x 8	same as	x x 8
6.	90 x 3 =				
7.	70 x 4 =				
8.	300 x 4 =				
9.	700 x 8 =				
10.	900 × 4 =				

Total



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## x3, x4, x8 Distributive Law Problems

# 16

Problems including numbers larger than the times tables can be solved by breaking those large numbers into smaller number that are in the times tables. Below shows an example.

 $21 \times 4$  is the same as  $(10 + 11) \times 4$  which is the same as  $10 \times 4 + 11 \times 4$ 

Remember that the multiplications are done before the addition.

Now add the result of  $10 \times 4 = 40$  to the result of  $11 \times 4 = 44$ , both from the times tables. The final answer is 40 + 44 = 84.

