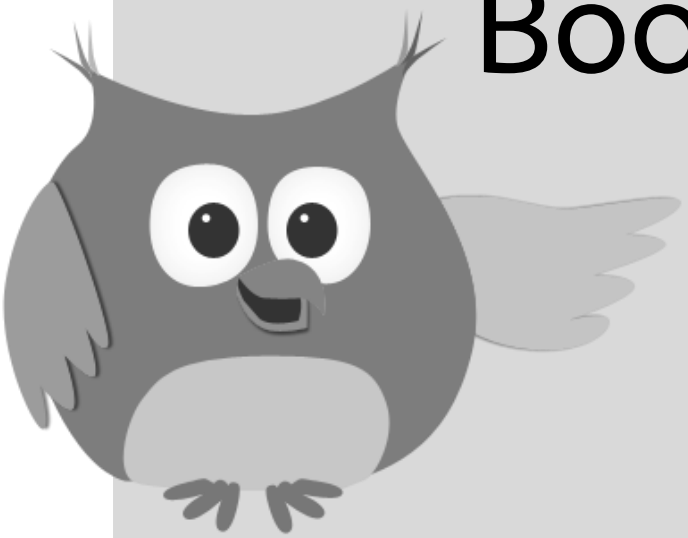
Scheme B

Times Tables Booklet



x 4

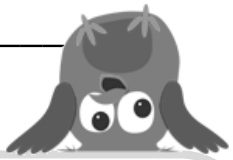
Name: _____

Class: _____

Contents

Question Section	1 to 6 x 4		7 to 12 x 4		4 to 24 ÷ 4	28 to 48 ÷ 4	Greater Depth
	? x 4	4 x ?	? x 4	4 x ?	? ÷ 4	? ÷ 4	
1a, 2a, 3a, 4a	✓						
1b, 2b, 3b, 4b			✓				
1c, 2c, 3c, 4c					✓		
1d, 2d, 3d, 4d						✓	
5a, 6a, 7a, 8a	✓	✓					
5b, 6b, 7b, 8b			✓	✓			
5c, 6c, 7c, 8c					✓		
5d, 6d, 7d, 8d						✓	
9, 10, 11, 12	✓	✓	✓	✓	✓	✓	
13							✓ x4 Word Problems
14							✓ x4, ÷4 Word Problems
15							✓ Beyond the Times Tables Associative Law Tables x10, x100
16							✓ Beyond the Times Tables Distributive Law

Name: _____ Class: _____



1a

1 x 4 = ___	5 x 4 = ___	2 x 4 = ___	4 x 4 = ___
3 x 4 = ___	6 x 4 = ___	1 x 4 = ___	5 x 4 = ___
4 x 4 = ___	2 x 4 = ___	3 x 4 = ___	6 x 4 = ___

Total

1b

10 x 4 = ___	7 x 4 = ___	11 x 4 = ___	9 x 4 = ___
11 x 4 = ___	12 x 4 = ___	10 x 4 = ___	8 x 4 = ___
7 x 4 = ___	9 x 4 = ___	8 x 4 = ___	12 x 4 = ___

Total

1c

20 ÷ 4 = ___	4 ÷ 4 = ___	12 ÷ 4 = ___	24 ÷ 4 = ___
8 ÷ 4 = ___	16 ÷ 4 = ___	20 ÷ 4 = ___	4 ÷ 4 = ___
12 ÷ 4 = ___	24 ÷ 4 = ___	8 ÷ 4 = ___	16 ÷ 4 = ___

Total

1d

40 ÷ 4 = ___	28 ÷ 4 = ___	36 ÷ 4 = ___	32 ÷ 4 = ___
44 ÷ 4 = ___	48 ÷ 4 = ___	44 ÷ 4 = ___	28 ÷ 4 = ___
36 ÷ 4 = ___	32 ÷ 4 = ___	40 ÷ 4 = ___	48 ÷ 4 = ___

Total

Total

Total

Name: _____ Class: _____

2a

2 x 4 = ___	3 x 4 = ___	1 x 4 = ___	5 x 4 = ___
6 x 4 = ___	4 x 4 = ___	2 x 4 = ___	6 x 4 = ___
1 x 4 = ___	5 x 4 = ___	3 x 4 = ___	4 x 4 = ___

Total

2b

7 x 4 = ___	10 x 4 = ___	9 x 4 = ___	11 x 4 = ___
12 x 4 = ___	8 x 4 = ___	11 x 4 = ___	10 x 4 = ___
9 x 4 = ___	7 x 4 = ___	12 x 4 = ___	8 x 4 = ___

Total

2c

8 ÷ 4 = ___	20 ÷ 4 = ___	4 ÷ 4 = ___	16 ÷ 4 = ___
24 ÷ 4 = ___	12 ÷ 4 = ___	8 ÷ 4 = ___	20 ÷ 4 = ___
4 ÷ 4 = ___	16 ÷ 4 = ___	24 ÷ 4 = ___	12 ÷ 4 = ___

Total

2d

44 ÷ 4 = ___	36 ÷ 4 = ___	40 ÷ 4 = ___	28 ÷ 4 = ___
48 ÷ 4 = ___	32 ÷ 4 = ___	36 ÷ 4 = ___	40 ÷ 4 = ___
28 ÷ 4 = ___	44 ÷ 4 = ___	48 ÷ 4 = ___	32 ÷ 4 = ___

Total

Total

Total

Name: _____ Class: _____

3a

5 x 4 = ___	3 x 4 = ___	1 x 4 = ___	4 x 4 = ___
2 x 4 = ___	6 x 4 = ___	4 x 4 = ___	2 x 4 = ___
6 x 4 = ___	5 x 4 = ___	1 x 4 = ___	3 x 4 = ___

Total

3b

11 x 4 = ___	9 x 4 = ___	10 x 4 = ___	12 x 4 = ___
8 x 4 = ___	7 x 4 = ___	12 x 4 = ___	9 x 4 = ___
7 x 4 = ___	10 x 4 = ___	8 x 4 = ___	11 x 4 = ___

Total

3c

4 ÷ 4 = ___	16 ÷ 4 = ___	8 ÷ 4 = ___	24 ÷ 4 = ___
12 ÷ 4 = ___	20 ÷ 4 = ___	12 ÷ 4 = ___	8 ÷ 4 = ___
4 ÷ 4 = ___	16 ÷ 4 = ___	20 ÷ 4 = ___	24 ÷ 4 = ___

Total

3d

28 ÷ 4 = ___	32 ÷ 4 = ___	40 ÷ 4 = ___	44 ÷ 4 = ___
40 ÷ 4 = ___	36 ÷ 4 = ___	48 ÷ 4 = ___	32 ÷ 4 = ___
44 ÷ 4 = ___	48 ÷ 4 = ___	28 ÷ 4 = ___	36 ÷ 4 = ___

Total

Total

Total

Name: _____ Class: _____

4a

4 x 4 = ___	1 x 4 = ___	3 x 4 = ___	5 x 4 = ___
6 x 4 = ___	2 x 4 = ___	5 x 4 = ___	1 x 4 = ___
2 x 4 = ___	6 x 4 = ___	4 x 4 = ___	3 x 4 = ___

Total

4b

10 x 4 = ___	7 x 4 = ___	11 x 4 = ___	9 x 4 = ___
11 x 4 = ___	12 x 4 = ___	10 x 4 = ___	8 x 4 = ___
7 x 4 = ___	9 x 4 = ___	8 x 4 = ___	12 x 4 = ___

Total

4c

12 ÷ 4 = ___	20 ÷ 4 = ___	4 ÷ 4 = ___	16 ÷ 4 = ___
8 ÷ 4 = ___	24 ÷ 4 = ___	12 ÷ 4 = ___	20 ÷ 4 = ___
24 ÷ 4 = ___	4 ÷ 4 = ___	16 ÷ 4 = ___	8 ÷ 4 = ___

Total

4d

36 ÷ 4 = ___	40 ÷ 4 = ___	28 ÷ 4 = ___	44 ÷ 4 = ___
48 ÷ 4 = ___	32 ÷ 4 = ___	36 ÷ 4 = ___	28 ÷ 4 = ___
40 ÷ 4 = ___	48 ÷ 4 = ___	44 ÷ 4 = ___	32 ÷ 4 = ___

Total

Total

Total

Name: _____ Class: _____

5a

1 x 4 = ___	4 x 2 = ___	3 x 4 = ___	4 x 4 = ___
4 x 5 = ___	4 x 6 = ___	4 x 1 = ___	5 x 4 = ___
4 x 4 = ___	2 x 4 = ___	6 x 4 = ___	4 x 3 = ___

Total

5b

4 x 10 = ___	11 x 4 = ___	4 x 9 = ___	4 x 8 = ___
12 x 4 = ___	4 x 7 = ___	10 x 4 = ___	4 x 11 = ___
8 x 4 = ___	9 x 4 = ___	4 x 12 = ___	7 x 4 = ___

Total

5c

8 ÷ 4 = ___	20 ÷ 4 = ___	12 ÷ 4 = ___	24 ÷ 4 = ___
4 ÷ 4 = ___	16 ÷ 4 = ___	20 ÷ 4 = ___	16 ÷ 4 = ___
12 ÷ 4 = ___	24 ÷ 4 = ___	4 ÷ 4 = ___	8 ÷ 4 = ___

Total

5d

40 ÷ 4 = ___	32 ÷ 4 = ___	36 ÷ 4 = ___	44 ÷ 4 = ___
28 ÷ 4 = ___	48 ÷ 4 = ___	40 ÷ 4 = ___	28 ÷ 4 = ___
36 ÷ 4 = ___	44 ÷ 4 = ___	32 ÷ 4 = ___	48 ÷ 4 = ___

Total

Total

Total

Name: _____ Class: _____

6a

4 x 2 = ___	3 x 4 = ___	4 x 5 = ___	1 x 4 = ___
4 x 4 = ___	4 x 6 = ___	4 x 3 = ___	6 x 4 = ___
4 x 1 = ___	5 x 4 = ___	2 x 4 = ___	4 x 4 = ___

Total

6b

4 x 7 = ___	4 x 11 = ___	4 x 8 = ___	4 x 10 = ___
12 x 4 = ___	4 x 9 = ___	10 x 4 = ___	11 x 4 = ___
8 x 4 = ___	4 x 12 = ___	7 x 4 = ___	9 x 4 = ___

Total

6c

12 ÷ 4 = ___	4 ÷ 4 = ___	16 ÷ 4 = ___	8 ÷ 4 = ___
20 ÷ 4 = ___	24 ÷ 4 = ___	4 ÷ 4 = ___	12 ÷ 4 = ___
16 ÷ 4 = ___	8 ÷ 4 = ___	20 ÷ 4 = ___	24 ÷ 4 = ___

Total

6d

40 ÷ 4 = ___	44 ÷ 4 = ___	28 ÷ 4 = ___	36 ÷ 4 = ___
32 ÷ 4 = ___	48 ÷ 4 = ___	36 ÷ 4 = ___	40 ÷ 4 = ___
28 ÷ 4 = ___	32 ÷ 4 = ___	44 ÷ 4 = ___	48 ÷ 4 = ___

Total

Total

Total

Name: _____ Class: _____

7a

5 x 4 = ___	2 x 4 = ___	4 x 3 = ___	1 x 4 = ___
6 x 4 = ___	4 x 4 = ___	4 x 5 = ___	3 x 4 = ___
4 x 2 = ___	4 x 6 = ___	4 x 4 = ___	4 x 1 = ___

Total

7b

10 x 4 = ___	4 x 11 = ___	4 x 8 = ___	4 x 9 = ___
7 x 4 = ___	12 x 4 = ___	4 x 10 = ___	11 x 4 = ___
9 x 4 = ___	8 x 4 = ___	4 x 12 = ___	4 x 7 = ___

Total

7c

4 ÷ 4 = ___	12 ÷ 4 = ___	8 ÷ 4 = ___	16 ÷ 4 = ___
24 ÷ 4 = ___	20 ÷ 4 = ___	4 ÷ 4 = ___	12 ÷ 4 = ___
8 ÷ 4 = ___	24 ÷ 4 = ___	16 ÷ 4 = ___	20 ÷ 4 = ___

Total

7d

44 ÷ 4 = ___	28 ÷ 4 = ___	36 ÷ 4 = ___	32 ÷ 4 = ___
48 ÷ 4 = ___	40 ÷ 4 = ___	44 ÷ 4 = ___	28 ÷ 4 = ___
36 ÷ 4 = ___	32 ÷ 4 = ___	40 ÷ 4 = ___	48 ÷ 4 = ___

Total

Total

Total

Name: _____ Class: _____

8a

4 x 1 = ___	4 x 4 = ___	4 x 3 = ___	5 x 4 = ___
3 x 4 = ___	4 x 6 = ___	4 x 4 = ___	1 x 4 = ___
2 x 4 = ___	4 x 5 = ___	6 x 4 = ___	4 x 2 = ___

Total

8b

4 x 11 = ___	9 x 4 = ___	8 x 4 = ___	10 x 4 = ___
4 x 7 = ___	4 x 12 = ___	11 x 4 = ___	7 x 4 = ___
4 x 8 = ___	4 x 10 = ___	12 x 4 = ___	4 x 9 = ___

Total

8c

20 ÷ 4 = ___	4 ÷ 4 = ___	12 ÷ 4 = ___	24 ÷ 4 = ___
8 ÷ 4 = ___	16 ÷ 4 = ___	20 ÷ 4 = ___	4 ÷ 4 = ___
12 ÷ 4 = ___	24 ÷ 4 = ___	16 ÷ 4 = ___	8 ÷ 4 = ___

Total

8d

40 ÷ 4 = ___	32 ÷ 4 = ___	36 ÷ 4 = ___	28 ÷ 4 = ___
44 ÷ 4 = ___	48 ÷ 4 = ___	44 ÷ 4 = ___	32 ÷ 4 = ___
36 ÷ 4 = ___	28 ÷ 4 = ___	40 ÷ 4 = ___	48 ÷ 4 = ___

Total

Total

Total

Name: _____ Class: _____

9

1 x 4 = ___	5 x 4 = ___	8 ÷ 4 = ___	6 x 4 = ___
4 x 3 = ___	4 x 10 = ___	4 x 4 = ___	4 x 2 = ___
16 ÷ 4 = ___	7 x 4 = ___	4 x 11 = ___	20 ÷ 4 = ___
4 x 8 = ___	9 x 4 = ___	40 ÷ 4 = ___	3 x 4 = ___
24 ÷ 4 = ___	12 x 4 = ___	32 ÷ 4 = ___	4 x 5 = ___
4 x 7 = ___	12 ÷ 4 = ___	10 x 4 = ___	4 x 9 = ___
11 x 4 = ___	8 x 4 = ___	44 ÷ 4 = ___	2 x 4 = ___
36 ÷ 4 = ___	28 ÷ 4 = ___	4 x 12 = ___	4 x 4 = ___

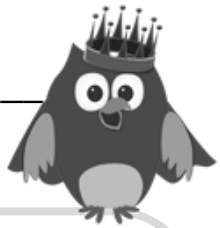
Total

10

4 x 10 = ___	2 x 4 = ___	5 x 4 = ___	20 ÷ 4 = ___
8 ÷ 4 = ___	4 x 1 = ___	7 x 4 = ___	4 x 4 = ___
4 x 6 = ___	32 ÷ 4 = ___	3 x 4 = ___	10 x 4 = ___
11 x 4 = ___	4 x 2 = ___	4 x 9 = ___	12 ÷ 4 = ___
40 ÷ 4 = ___	4 x 4 = ___	8 x 4 = ___	12 x 4 = ___
6 x 4 = ___	44 ÷ 4 = ___	28 ÷ 4 = ___	4 x 3 = ___
4 x 8 = ___	4 x 11 = ___	16 ÷ 4 = ___	9 x 4 = ___
24 ÷ 4 = ___	4 x 7 = ___	4 x 12 = ___	36 ÷ 4 = ___

Total

Total



Name: _____ Class: _____

11

5 x 4 = ___	4 x 2 = ___	4 x 10 = ___	40 ÷ 4 = ___
4 x 6 = ___	4 x 3 = ___	16 ÷ 4 = ___	4 x 4 = ___
4 x 5 = ___	8 ÷ 4 = ___	7 x 4 = ___	3 x 4 = ___
20 ÷ 4 = ___	2 x 4 = ___	4 x 11 = ___	32 ÷ 4 = ___
5 x 4 = ___	12 ÷ 4 = ___	4 x 9 = ___	4 x 8 = ___
10 x 4 = ___	4 x 12 = ___	24 ÷ 4 = ___	11 x 4 = ___
36 ÷ 4 = ___	4 x 7 = ___	44 ÷ 4 = ___	1 x 4 = ___
9 x 4 = ___	8 x 4 = ___	12 x 4 = ___	4 x 4 = ___

Total

12

2 x 4 = ___	4 x 10 = ___	4 x 7 = ___	16 ÷ 4 = ___
4 x 11 = ___	5 x 4 = ___	40 ÷ 4 = ___	4 x 1 = ___
8 ÷ 4 = ___	3 x 4 = ___	4 x 4 = ___	9 x 4 = ___
4 x 6 = ___	20 ÷ 4 = ___	4 x 2 = ___	11 x 4 = ___
4 x 9 = ___	4 x 4 = ___	4 x 12 = ___	12 ÷ 4 = ___
32 ÷ 4 = ___	4 x 5 = ___	4 x 8 = ___	7 x 4 = ___
4 x 3 = ___	10 x 4 = ___	24 ÷ 4 = ___	44 ÷ 4 = ___
6 x 4 = ___	12 x 4 = ___	36 ÷ 4 = ___	28 ÷ 4 = ___

Total

Total

Name: _____ Class: _____

13

x4 Word Problems

1. Jesse has four games. Ken has three times as many games as Jesse. How many games does Ken have? _____

2.  A goat has four legs. How many legs do four goats have altogether? _____

3. It takes Joel four minutes to clean his shoes each day. How many minutes does Joel spend cleaning his shoes in 10 days? _____

4.  How many fingers are there on four hands? _____

5. A small tree is 4 metres tall. A large tree is eight times taller. How tall is the large tree? _____

6. Four children each have 11 sweets. How many sweets do they have altogether? _____

7.  How many chocolates squares are there in the bar of chocolate? _____

8. Mia buys nine toys. Each toy costs £4. How much does Mia spend altogether? _____

9. 

There are 4 litres of water in one bottle. How many litres of water are there in seven bottles? _____

10.  There are 12 tables at a party. Each table has a plate with four cakes on it. How many cakes are there altogether? _____

Total

Name: _____ Class: _____

x4 Word Problems

14

1. 

There are 8 balloons in a bag. Four children share the balloons equally between themselves. How many balloons does each child get? _____

2. Each table in the classroom has four legs. There are eight tables in the classroom. How many legs do they have altogether? _____

3. 

A teacher hands out 12 pencils to four children. They get the same number of pencils each. How many pencils do they each get? _____

4. The teacher asks 36 children to get into four equal groups. How many children are in each group? _____

5. Deon and Alisha both cut a piece of string. Deon's string is 24cm long and four times longer than Alisha's string. How long is Alisha's piece of string? _____

6. 

There are seven football cards in one pack. Oliver buys four packs. How many football cards does he buy altogether? _____

7. Isla has 44 pence. Isla has four times as much money as Isla. How much money does Isla have? _____

8. A farm has eight fields. There are four bulls in each field. What is the total number of bulls on the farm? _____

9. 

Four children share a bag of 24 sweets equally between them. How many sweets does each child get? _____

10. Deon walks 28 miles in one week. He walks the same distance each day. How far does he walk each day? _____

Total

Name: _____ Class: _____

x4 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.

20×4 is the same as $2 \times 10 \times 4$ which is the same as $10 \times 2 \times 4$

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

Now calculate the result of $10 \times 2 \times 4$ by first multiplying 2×4 to leave 10×8. The final answer is $10 \times 8 = 80$.

1. 30 x 4 = ____ same as ____ x ____ x 4 same as ____ x ____ x 4
2. 50 x 4 = ____ same as ____ x ____ x 4 same as ____ x ____ x 4
3. 40 x 4 = ____ same as ____ x ____ x 4 same as ____ x ____ x 4
4. 60 x 4 = ____ same as ____ x ____ x 4 same as ____ x ____ x 4
5. 80 x 4 = ____ same as ____ x ____ x 4 same as ____ x ____ x 4
6. 90 x 4 = ____
7. 70 x 4 = ____
8. 200 x 4 = ____
9. 500 x 4 = ____
10. 900 x 4 = ____

Total

Name: _____ Class: _____

x4 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.

21×4 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 $40 + 44 = 84$.

1. 13 x 4 = ____ same as (____ + ____) x 4 same as ____ x 4 + ____ x 4
2. 15 x 4 = ____ same as (____ + ____) x 4 same as ____ x 4 + ____ x 4
3. 19 x 4 = ____ same as (____ + ____) x 4 same as ____ x 4 + ____ x 4
4. 14 x 4 = ____ same as (____ + ____) x 4 same as ____ x 4 + ____ x 4
5. 16 x 4 = ____ same as (____ + ____) x 4 same as ____ x 4 + ____ x 4
6. 22 x 4 = ____
7. 17 x 4 = ____
8. 23 x 4 = ____
9. 18 x 4 = ____
10. 24 x 4 = ____

Total