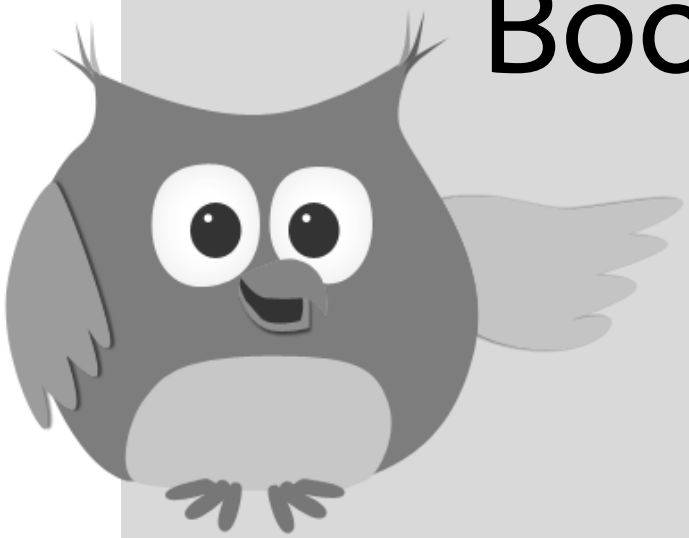
Scheme A

Times Tables Booklet



x8

Name: _____

Class: _____

Contents

Question Section	1 to 5 x 8		6 to 9 x 8		8 to 40 ÷ 8	48 to 72 ÷ 8	Greater Depth
	? x 8	8 x ?	? x 8	8 x ?	? ÷ 8	? ÷ 8	
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							✓ x8 Word Problems
14							✓ x8, ÷8 Word Problems
15							✓ Beyond the Times Tables Associative Law Tables x10, x100
16							✓ Beyond the Times Tables Distributive Law

Name: _____ Class: _____

1a

1 x 8 = ___	5 x 8 = ___	2 x 8 = ___	4 x 8 = ___
3 x 8 = ___	4 x 8 = ___	1 x 8 = ___	3 x 8 = ___
4 x 8 = ___	2 x 8 = ___	3 x 8 = ___	5 x 8 = ___

Total

1b

6 x 8 = ___	8 x 8 = ___	7 x 8 = ___	9 x 8 = ___
8 x 8 = ___	7 x 8 = ___	6 x 8 = ___	7 x 8 = ___
6 x 8 = ___	9 x 8 = ___	8 x 8 = ___	9 x 8 = ___

Total

1c

40 ÷ 8 = ___	8 ÷ 8 = ___	24 ÷ 8 = ___	32 ÷ 8 = ___
24 ÷ 8 = ___	32 ÷ 8 = ___	40 ÷ 8 = ___	8 ÷ 8 = ___
16 ÷ 8 = ___	24 ÷ 8 = ___	32 ÷ 8 = ___	16 ÷ 8 = ___

Total

1d

48 ÷ 8 = ___	64 ÷ 8 = ___	72 ÷ 8 = ___	56 ÷ 8 = ___
64 ÷ 8 = ___	48 ÷ 8 = ___	56 ÷ 8 = ___	64 ÷ 8 = ___
72 ÷ 8 = ___	56 ÷ 8 = ___	48 ÷ 8 = ___	72 ÷ 8 = ___

Total

Total

Total

Name: _____ Class: _____

2a

2 x 8 = ___	3 x 8 = ___	1 x 8 = ___	4 x 8 = ___
3 x 8 = ___	4 x 8 = ___	2 x 8 = ___	5 x 8 = ___
1 x 8 = ___	5 x 8 = ___	3 x 8 = ___	4 x 8 = ___

Total

2b

8 x 8 = ___	6 x 8 = ___	9 x 8 = ___	7 x 8 = ___
6 x 8 = ___	7 x 8 = ___	8 x 8 = ___	6 x 8 = ___
9 x 8 = ___	8 x 8 = ___	9 x 8 = ___	7 x 8 = ___

Total

2c

16 ÷ 8 = ___	40 ÷ 8 = ___	8 ÷ 8 = ___	24 ÷ 8 = ___
32 ÷ 8 = ___	24 ÷ 8 = ___	16 ÷ 8 = ___	40 ÷ 8 = ___
8 ÷ 8 = ___	32 ÷ 8 = ___	24 ÷ 8 = ___	32 ÷ 8 = ___

Total

2d

48 ÷ 8 = ___	64 ÷ 8 = ___	48 ÷ 8 = ___	56 ÷ 8 = ___
64 ÷ 8 = ___	72 ÷ 8 = ___	64 ÷ 8 = ___	48 ÷ 8 = ___
56 ÷ 8 = ___	72 ÷ 8 = ___	56 ÷ 8 = ___	72 ÷ 8 = ___

Total

Total

Total

Name: _____ Class: _____

3a

5 x 8 = ___	3 x 8 = ___	1 x 8 = ___	4 x 8 = ___
2 x 8 = ___	5 x 8 = ___	4 x 8 = ___	2 x 8 = ___
3 x 8 = ___	4 x 8 = ___	1 x 8 = ___	3 x 8 = ___

Total

3b

9 x 8 = ___	7 x 8 = ___	6 x 8 = ___	8 x 8 = ___
7 x 8 = ___	8 x 8 = ___	7 x 8 = ___	9 x 8 = ___
8 x 8 = ___	6 x 8 = ___	9 x 8 = ___	6 x 8 = ___

Total

3c

8 ÷ 8 = ___	32 ÷ 8 = ___	16 ÷ 8 = ___	24 ÷ 8 = ___
32 ÷ 8 = ___	40 ÷ 8 = ___	24 ÷ 8 = ___	16 ÷ 8 = ___
8 ÷ 8 = ___	24 ÷ 8 = ___	40 ÷ 8 = ___	32 ÷ 8 = ___

Total

3d

64 ÷ 8 = ___	48 ÷ 8 = ___	56 ÷ 8 = ___	64 ÷ 8 = ___
48 ÷ 8 = ___	72 ÷ 8 = ___	56 ÷ 8 = ___	48 ÷ 8 = ___
72 ÷ 8 = ___	56 ÷ 8 = ___	64 ÷ 8 = ___	72 ÷ 8 = ___

Total

Total

Total

Name: _____ Class: _____

4a

4 x 8 = ___	1 x 8 = ___	3 x 8 = ___	5 x 8 = ___
3 x 8 = ___	2 x 8 = ___	5 x 8 = ___	1 x 8 = ___
2 x 8 = ___	4 x 8 = ___	3 x 8 = ___	4 x 8 = ___

Total

4b

6 x 8 = ___	8 x 8 = ___	7 x 8 = ___	9 x 8 = ___
8 x 8 = ___	9 x 8 = ___	6 x 8 = ___	7 x 8 = ___
9 x 8 = ___	8 x 8 = ___	7 x 8 = ___	6 x 8 = ___

Total

4c

24 ÷ 8 = ___	40 ÷ 8 = ___	8 ÷ 8 = ___	32 ÷ 8 = ___
16 ÷ 8 = ___	32 ÷ 8 = ___	24 ÷ 8 = ___	40 ÷ 8 = ___
24 ÷ 8 = ___	8 ÷ 8 = ___	32 ÷ 8 = ___	16 ÷ 8 = ___

Total

4d

72 ÷ 8 = ___	48 ÷ 8 = ___	56 ÷ 8 = ___	64 ÷ 8 = ___
56 ÷ 8 = ___	64 ÷ 8 = ___	72 ÷ 8 = ___	56 ÷ 8 = ___
48 ÷ 8 = ___	72 ÷ 8 = ___	48 ÷ 8 = ___	64 ÷ 8 = ___

Total

Total

Total

Name: _____ Class: _____

5a

1 x 8 = ___	8 x 2 = ___	3 x 8 = ___	8 x 4 = ___
8 x 5 = ___	3 x 8 = ___	8 x 1 = ___	5 x 8 = ___
4 x 8 = ___	2 x 8 = ___	8 x 4 = ___	8 x 3 = ___

Total

5b

8 x 6 = ___	8 x 7 = ___	8 x 9 = ___	7 x 8 = ___
9 x 8 = ___	8 x 8 = ___	6 x 8 = ___	9 x 8 = ___
8 x 7 = ___	8 x 8 = ___	8 x 6 = ___	8 x 8 = ___

Total

5c

16 ÷ 8 = ___	40 ÷ 8 = ___	24 ÷ 8 = ___	32 ÷ 8 = ___
8 ÷ 8 = ___	32 ÷ 8 = ___	40 ÷ 8 = ___	24 ÷ 8 = ___
32 ÷ 8 = ___	8 ÷ 8 = ___	24 ÷ 8 = ___	16 ÷ 8 = ___

Total

5d

48 ÷ 8 = ___	64 ÷ 8 = ___	72 ÷ 8 = ___	64 ÷ 8 = ___
56 ÷ 8 = ___	48 ÷ 8 = ___	64 ÷ 8 = ___	56 ÷ 8 = ___
72 ÷ 8 = ___	56 ÷ 8 = ___	48 ÷ 8 = ___	72 ÷ 8 = ___

Total

Total

Total

Name: _____ Class: _____

6a

8 x 2 = ___	3 x 8 = ___	8 x 5 = ___	1 x 8 = ___
4 x 8 = ___	8 x 4 = ___	8 x 3 = ___	5 x 8 = ___
8 x 1 = ___	3 x 8 = ___	2 x 8 = ___	8 x 4 = ___

Total

6b

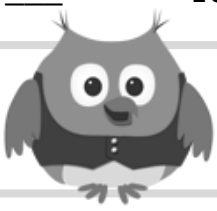
8 x 8 = ___	9 x 8 = ___	7 x 8 = ___	8 x 6 = ___
8 x 8 = ___	8 x 9 = ___	6 x 8 = ___	7 x 8 = ___
8 x 7 = ___	8 x 6 = ___	8 x 8 = ___	9 x 8 = ___

Total

6c

24 ÷ 8 = ___	8 ÷ 8 = ___	32 ÷ 8 = ___	16 ÷ 8 = ___
40 ÷ 8 = ___	24 ÷ 8 = ___	8 ÷ 8 = ___	24 ÷ 8 = ___
32 ÷ 8 = ___	16 ÷ 8 = ___	40 ÷ 8 = ___	32 ÷ 8 = ___

Total



6d

64 ÷ 8 = ___	48 ÷ 8 = ___	56 ÷ 8 = ___	72 ÷ 8 = ___
48 ÷ 8 = ___	56 ÷ 8 = ___	72 ÷ 8 = ___	64 ÷ 8 = ___
72 ÷ 8 = ___	48 ÷ 8 = ___	64 ÷ 8 = ___	56 ÷ 8 = ___

Total

Total

Total

Name: _____ Class: _____

7a

8 x 5 = ___	2 x 8 = ___	8 x 3 = ___	1 x 8 = ___
3 x 8 = ___	4 x 8 = ___	5 x 8 = ___	3 x 8 = ___
8 x 2 = ___	8 x 4 = ___	2 x 8 = ___	4 x 8 = ___

Total

7b

6 x 8 = ___	8 x 6 = ___	7 x 8 = ___	8 x 9 = ___
8 x 8 = ___	9 x 8 = ___	8 x 6 = ___	7 x 8 = ___
9 x 8 = ___	8 x 8 = ___	8 x 7 = ___	8 x 8 = ___

Total

7c

8 ÷ 8 = ___	24 ÷ 8 = ___	16 ÷ 8 = ___	32 ÷ 8 = ___
32 ÷ 8 = ___	40 ÷ 8 = ___	8 ÷ 8 = ___	24 ÷ 8 = ___
16 ÷ 8 = ___	24 ÷ 8 = ___	32 ÷ 8 = ___	40 ÷ 8 = ___

Total

7d

48 ÷ 8 = ___	56 ÷ 8 = ___	72 ÷ 8 = ___	64 ÷ 8 = ___
56 ÷ 8 = ___	48 ÷ 8 = ___	64 ÷ 8 = ___	56 ÷ 8 = ___
72 ÷ 8 = ___	64 ÷ 8 = ___	48 ÷ 8 = ___	72 ÷ 8 = ___

Total

Total

Total

Name: _____ Class: _____

8a

8 x 1 = ___	4 x 8 = ___	8 x 3 = ___	5 x 8 = ___
3 x 8 = ___	8 x 3 = ___	8 x 4 = ___	1 x 8 = ___
2 x 8 = ___	8 x 5 = ___	4 x 8 = ___	8 x 2 = ___

Total

8b

8 x 8 = ___	9 x 8 = ___	8 x 7 = ___	6 x 8 = ___
8 x 8 = ___	8 x 7 = ___	6 x 8 = ___	8 x 8 = ___
7 x 8 = ___	8 x 6 = ___	9 x 8 = ___	8 x 9 = ___

Total

8c

40 ÷ 8 = ___	8 ÷ 8 = ___	24 ÷ 8 = ___	32 ÷ 8 = ___
16 ÷ 8 = ___	32 ÷ 8 = ___	24 ÷ 8 = ___	8 ÷ 8 = ___
24 ÷ 8 = ___	40 ÷ 8 = ___	32 ÷ 8 = ___	16 ÷ 8 = ___

Total

8d

48 ÷ 8 = ___	64 ÷ 8 = ___	72 ÷ 8 = ___	56 ÷ 8 = ___
64 ÷ 8 = ___	48 ÷ 8 = ___	56 ÷ 8 = ___	64 ÷ 8 = ___
72 ÷ 8 = ___	56 ÷ 8 = ___	48 ÷ 8 = ___	72 ÷ 8 = ___

Total

Total

Total

Name: _____ Class: _____

9

1 x 8 = ___	8 x 5 = ___	16 ÷ 8 = ___	6 x 8 = ___
8 x 3 = ___	8 x 9 = ___	4 x 8 = ___	8 x 2 = ___
32 ÷ 8 = ___	8 x 8 = ___	8 x 6 = ___	40 ÷ 8 = ___
7 x 8 = ___	9 x 8 = ___	56 ÷ 8 = ___	3 x 8 = ___
48 ÷ 8 = ___	7 x 8 = ___	64 ÷ 8 = ___	5 x 8 = ___
8 x 6 = ___	24 ÷ 8 = ___	48 ÷ 8 = ___	8 x 9 = ___
8 x 8 = ___	8 x 7 = ___	64 ÷ 8 = ___	2 x 8 = ___
72 ÷ 8 = ___	56 ÷ 8 = ___	8 x 7 = ___	8 x 4 = ___

Total

10

8 x 6 = ___	2 x 8 = ___	5 x 8 = ___	40 ÷ 8 = ___
16 ÷ 8 = ___	8 x 1 = ___	8 x 8 = ___	8 x 4 = ___
8 x 5 = ___	64 ÷ 8 = ___	3 x 8 = ___	7 x 8 = ___
6 x 8 = ___	8 x 2 = ___	8 x 9 = ___	24 ÷ 8 = ___
48 ÷ 8 = ___	4 x 8 = ___	8 x 7 = ___	72 ÷ 8 = ___
8 x 6 = ___	9 x 8 = ___	56 ÷ 8 = ___	8 x 3 = ___
7 x 8 = ___	48 ÷ 8 = ___	32 ÷ 8 = ___	9 x 8 = ___
56 ÷ 8 = ___	6 x 8 = ___	8 x 9 = ___	72 ÷ 8 = ___

Total

Total

Name: _____ Class: _____

11

5 x 8 = ___	8 x 2 = ___	8 x 6 = ___	48 ÷ 8 = ___
8 x 8 = ___	8 x 3 = ___	32 ÷ 8 = ___	8 x 4 = ___
4 x 8 = ___	16 ÷ 8 = ___	8 x 6 = ___	3 x 8 = ___
40 ÷ 8 = ___	2 x 8 = ___	7 x 8 = ___	64 ÷ 8 = ___
8 x 5 = ___	24 ÷ 8 = ___	8 x 9 = ___	7 x 8 = ___
72 ÷ 8 = ___	8 x 9 = ___	48 ÷ 8 = ___	9 x 8 = ___
64 ÷ 8 = ___	6 x 8 = ___	72 ÷ 8 = ___	1 x 8 = ___
9 x 8 = ___	8 x 7 = ___	6 x 8 = ___	8 x 4 = ___

Total

12

2 x 8 = ___	8 x 1 = ___	8 x 8 = ___	32 ÷ 8 = ___
8 x 6 = ___	5 x 8 = ___	64 ÷ 8 = ___	8 x 5 = ___
16 ÷ 8 = ___	3 x 8 = ___	8 x 4 = ___	9 x 8 = ___
6 x 8 = ___	40 ÷ 8 = ___	8 x 2 = ___	6 x 8 = ___
8 x 9 = ___	4 x 8 = ___	8 x 7 = ___	24 ÷ 8 = ___
64 ÷ 8 = ___	56 ÷ 8 = ___	7 x 8 = ___	8 x 6 = ___
8 x 3 = ___	9 x 8 = ___	48 ÷ 8 = ___	72 ÷ 8 = ___
8 x 7 = ___	8 x 9 = ___	72 ÷ 8 = ___	56 ÷ 8 = ___

Total

Total

Name: _____ Class: _____

13

x8 Word Problems

1.  How many wheels do eight bicycles have altogether? _____

2. Four children each have eight pence. How many pence do they have altogether? _____

3.  How many dog biscuits are there? _____

4.  How many fingers are there altogether? _____

5. 

There are eight bags of sweets. Each bag contains six sweets. How many sweets are there altogether? _____

6. Sara earns £8 each week. How much will she earn in five weeks? _____

7. 

There are nine football cards in each pack. Sam buys eight packs. How many cards does he have altogether? _____

8. Oliver's Dad weighs eight times as much as his dog. His dog weighs 8 kg. How much does Oliver's Dad weigh? _____

9. It takes Jay 8 minutes to run one mile. If he runs at the same speed, how many minutes will it take him to run six miles? _____

10. Sara runs eight miles each day. How far does she run in one week? _____

Total

Name: _____ Class: _____

14

x8 Word Problems

1. Eight children share 24 sweets equally between them. How many sweets do they each get? _____

2. Tom's dog weighs eight times as much as his cat. His dog weights 40kg. How much does his cat weigh? _____

3. Ken walked 16 miles in eight days. He walked the same distance each day. How far did he walk in one day? _____

4. 

There are eight balloons in a packet. Isla buys four packets of balloons. How many balloons does she buy altogether. _____

5. 
At the aquarium, Jay counts 48 octopuses' legs. An octopus has eight legs. How many octopuses are there? _____

6. 8 friends earn £40 between them cleaning cars at the weekend. If they share the money equally, how much do the each get? _____

7. 

There are eight stickers in each pack. Lola buys seven packs. How many stickers does she have altogether? _____

8. The teacher tells 64 children to get into eight equal groups. How many children are in each group? _____

9. Jadon has collected 72 shells. He has collected eight times as many as his friend Anya. How many shells has Anya collected? _____

10. Chen needs to place 56 cakes onto eight plates so that each plate has the same number of cakes on it. How many cakes should Chen place onto each plate? _____

Total

Name: _____ Class: _____

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.

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

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

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

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

Total

Name: _____ Class: _____

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.

21×8 is the same as $(10 + 11) \times 8$ which is the same as $10 \times 8 + 11 \times 8$

Remember that the multiplications are done before the addition.

Now add the result of $10 \times 8 = 80$ to the result of $11 \times 8 = 88$, both from the times tables. The final answer is $80 + 88 = 168$.

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

Total