



Scheme B

Times Tables Booklet



x2 x5 x10

Name: _____

Class: _____



Contents				
Question Section	$? \times 2$ $? \times 5$ $? \times 10$	$2 \times ?$ $5 \times ?$ $10 \times ?$	$? \div 2$ $? \div 5$ $? \div 10$	Greater Depth
1, 2, 3, 4	✓			
5, 6, 7, 8	✓	✓		
9, 10, 11, 12	✓	✓	✓	
13				✓ x2 x5 x10 Word Problems
14				✓ x2 x5 x10 ÷2 ÷5 ÷10 Word Problems
15				✓ Beyond the Times Tables Associative Law Tables x10, x100
16				✓ Beyond the Times Tables Distributive Law



Name: _____

Class: _____

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Name: _____

Class: _____

9

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Total

Total



Name: _____

Class: _____

11

$5 \times 2 = \underline{\quad}$	$10 \times 5 = \underline{\quad}$	$6 \times 10 = \underline{\quad}$	$4 \div 2 = \underline{\quad}$
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$5 \times 6 = \underline{\quad}$	$80 \div 10 = \underline{\quad}$	$2 \times 3 = \underline{\quad}$	$5 \times 5 = \underline{\quad}$
$14 \div 2 = \underline{\quad}$	$5 \times 8 = \underline{\quad}$	$11 \times 10 = \underline{\quad}$	$10 \div 5 = \underline{\quad}$
$9 \times 2 = \underline{\quad}$	$4 \times 10 = \underline{\quad}$	$70 \div 10 = \underline{\quad}$	$5 \times 4 = \underline{\quad}$
$10 \times 9 = \underline{\quad}$	$10 \div 2 = \underline{\quad}$	$7 \times 5 = \underline{\quad}$	$12 \times 10 = \underline{\quad}$
$2 \times 8 = \underline{\quad}$	$10 \times 7 = \underline{\quad}$	$45 \div 5 = \underline{\quad}$	$4 \times 2 = \underline{\quad}$
$100 \div 10 = \underline{\quad}$	$11 \times 2 = \underline{\quad}$	$12 \times 5 = \underline{\quad}$	$2 \times 6 = \underline{\quad}$

Total

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$50 \div 5 = \underline{\quad}$	$2 \times 12 = \underline{\quad}$	$5 \times 7 = \underline{\quad}$	$3 \times 10 = \underline{\quad}$
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$35 \div 5 = \underline{\quad}$	$6 \times 5 = \underline{\quad}$	$2 \times 9 = \underline{\quad}$	$10 \times 10 = \underline{\quad}$
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Total









Total



Name: _____ Class: _____

13

x2, x5, x10 Word Problems

-  How many wellies are there in six pairs of wellies? _____
-  There are 10 stickers in each pack. Joe buys eight packs. How many stickers does Joe buy altogether? _____
-  How many fingers are there altogether? _____
-  How many wheels are there on nine bicycles? _____
-  A goat has four legs. How many legs do five goats have altogether? _____
- Ali has 10p. Sara has seven times as much money as Ali. How much money does Sara have? _____
- It takes Jay 2 minutes to clean his shoes. He cleans his shoes every day. How many minutes does Jay spend cleaning his shoes in one week? _____
- Luke buys eight presents. Each present costs £5. How much does Luke spend altogether? _____
-  There are 10 chocolates in each bag. Nadia buys 11 bags of sweets. How many sweets does Nadia buy altogether? _____
- Jack's plant has grown to 12cm high. Iva's plant has grown twice as high. How tall is Iva's plant? _____





Total



Name: _____ Class: _____

14

x2, x5, x10 Word Problems

-  How many chocolates are there? _____
-  A bag of 12 balloons is shared equally between six children. How many balloons do they get each? _____
- A farmer has four fields. There are 10 cows in each field. How many cows are on the farm altogether? _____
-  30 pencils are placed onto five tables. Each table has the same number of pencils on it. How many pencils are on each table? _____
- Kyle buys 12 packets of biscuits for a party. Each packet has 10 biscuits in it. How many biscuits does Kyle buy altogether? _____
- Fred walks for seven miles. Mya walks twice as far as Fred. How far does Mya walk? _____
- A group of children each put one hand on a table. Jodie counts 45 fingers on the table. How many children put a hand on the table? _____
- A pen costs 10p. Dan has 50p. How many pens can Dan buy? _____
-  A bag of 24 sweets is shared out to children. All children get two sweets each. How many children get sweets? _____
- Harry builds a tower from toy bricks. Each brick is 5cm high. His tower is 60cm high. How many bricks does Harry use to build his tower? _____

Total



Name: _____ Class: _____

x2, x5, x10 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.

20×5 is the same as $2 \times 10 \times 5$ which is the same as $10 \times 2 \times 5$

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



Now calculate the result of $10 \times 2 \times 5$ by first multiplying 2×5 to leave 10×10 . The final answer is $10 \times 10 = 100$.

- $30 \times 5 = \underline{\quad}$ same as $\underline{\quad} \times \underline{\quad} \times 5$ same as $\underline{\quad} \times \underline{\quad} \times 5$
- $60 \times 2 = \underline{\quad}$ same as $\underline{\quad} \times \underline{\quad} \times 2$ same as $\underline{\quad} \times \underline{\quad} \times 2$
- $50 \times 5 = \underline{\quad}$ same as $\underline{\quad} \times \underline{\quad} \times 5$ same as $\underline{\quad} \times \underline{\quad} \times 5$
- $80 \times 2 = \underline{\quad}$ same as $\underline{\quad} \times \underline{\quad} \times 2$ same as $\underline{\quad} \times \underline{\quad} \times 2$
- $60 \times 5 = \underline{\quad}$ same as $\underline{\quad} \times \underline{\quad} \times 5$ same as $\underline{\quad} \times \underline{\quad} \times 5$
- $90 \times 2 = \underline{\quad}$
- $70 \times 5 = \underline{\quad}$
- $300 \times 5 = \underline{\quad}$
- $700 \times 2 = \underline{\quad}$
- $900 \times 5 = \underline{\quad}$

Total



Name: _____ Class: _____

x2, x5, x10 Distributive Law Problems

16

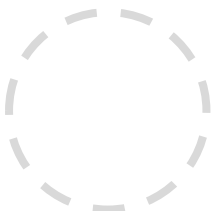
Problems including numbers larger than the times tables can be solved by breaking those large numbers into smaller number that are in the times tables. Below shows an example.

21×5 is the same as $(10 + 11) \times 5$ which is the same as $10 \times 5 + 11 \times 5$

Remember that the multiplications are done before the addition.

Now add the result of $10 \times 5 = 50$ to the result of $11 \times 5 = 55$, both from the times tables. The final answer is $50 + 55 = 105$.

- $13 \times 2 = \underline{\quad}$ same as $(\underline{\quad} + \underline{\quad}) \times 2$ same as $\underline{\quad} \times 2 + \underline{\quad} \times 2$
- $14 \times 5 = \underline{\quad}$ same as $(\underline{\quad} + \underline{\quad}) \times 5$ same as $\underline{\quad} \times 5 + \underline{\quad} \times 5$
- $19 \times 2 = \underline{\quad}$ same as $(\underline{\quad} + \underline{\quad}) \times 2$ same as $\underline{\quad} \times 2 + \underline{\quad} \times 2$
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