Varied Fluency
Step 3: Multiply 2-Digits by 1-Digit 1

National Curriculum Objectives:

Mathematics Year 3: (3C6) Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
Mathematics Year 3: (3C7) 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 and progressing to formal written methods
Mathematics Year 3: (3C8) 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

Differentiation:

Developing Questions to support multiplying a 2-digit number by a 1-digit number (with no exchanges) using knowledge of the 2, 3, and 5 times tables. Supported with some pictorial representations.
Expected Questions to support multiplying a 2-digit number by a 1-digit number (with no exchanges) using knowledge of the 2, 3, 4, 5 and 8 times tables. Supported with some pictorial representations.
Greater Depth Questions to support multiplying a 2-digit number by a 1-digit number (with no exchanges) using knowledge of the 2, 3, 4, 5, 6 and 8 times tables.

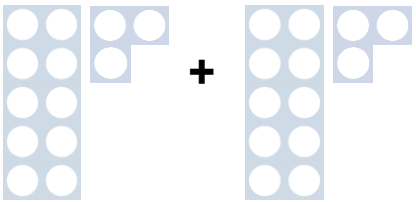
More resources which follow the same small steps as White Rose.

Did you like this resource? Don't forget to review it on our website.

Multiply 2-Digits by 1-Digit 1

Multiply 2-Digits by 1-Digit 1

1a. Complete these calculations.

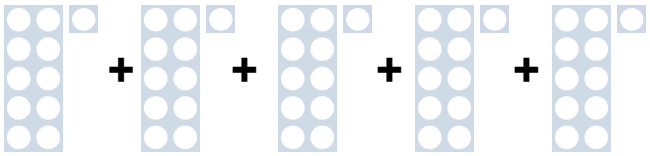


13 + 13 = ☐

13 x 2 = ☐

D VF

1b. Complete these calculations.



11 + 11 + 11 + 11 + 11 = ☐

11 x 5 = ☐

D VF

2a. Complete this calculation.

T	O
●●	●
●●	●

21 x 2 = ☐

D VF

2b. Complete this calculation.

T	O
●●●	●●
●●●	●●
●●●	●●

32 x 3 = ☐

D VF

3a. True or false? 33 x 3 = 89

	T	O
	3	3
x		3

D VF

3b. True or false? 31 x 3 = 93

	T	O
	3	1
x		3

D VF

4a. Use <, > or = to compare these calculations.

31 x 2 ☐ 21 x 3

22 x 2 ☐ 12 x 3

D VF

4b. Use <, > or = to compare these calculations.

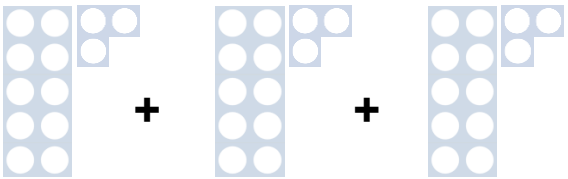
32 x 3 ☐ 11 x 5

22 x 3 ☐ 2 x 43

D VF

Multiply 2-Digits by 1-Digit 1

5a. Complete these calculations.

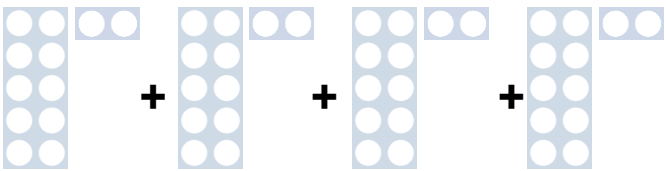


13 + 13 + 13 = ☐

13 x 3 = ☐

VF

5b. Complete these calculations.



12 + 12 + 12 + 12 = ☐

12 x 4 = ☐

VF

6a. Complete this calculation.

T	O
●●	●●
●●	●●
●●	●●
●●	●●

22 x 4 = ☐

VF

6b. Complete this calculation.

T	O
●●●	●●●
●●●	●●●
●●●	●●●

33 x 3 = ☐

VF

7a. True or false? 8 x 11 = 88

	T	O
	1	1
x		8

VF

7b. True or false? 21 x 4 = 81

	T	O
	2	1
x		4

VF

8a. Use <, > or = to compare these calculations.

31 x 3 ☐ 11 x 5

2 x 14 ☐ 12 x 4

VF

8b. Use <, > or = to compare these calculations.

22 x 4 ☐ 11 x 8

4 x 11 ☐ 12 x 3

VF

Multiply 2-Digits by 1-Digit 1

9a. Match these calculations.

12 + 12 + 12	14 + 14
14 x 2	13 + 13
13 x 2	12 x 3

GD VF

10a. Complete the calculations below.

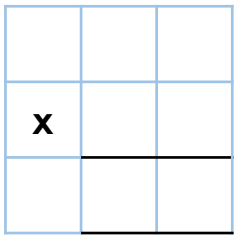
☐ x 6 = 66

43 x 2 = ☐

☐ = 3 x 23

GD VF

11a. True or false? 41 x 2 = 84



Work out your answer using column method.

GD VF

12a. Use <, > or = to make these number sentences correct.

12 x 6 ☐ 72 ☐ 14 x 2

4 x 20 ☐ 64 ☐ 23 x 3

GD VF

Multiply 2-Digits by 1-Digit 1

9b. Match these calculations.

11 + 11 + 11	11 x 3
12 x 2	13 x 3
13 + 13 + 13	12 + 12

GD VF

10b. Complete the calculations below.

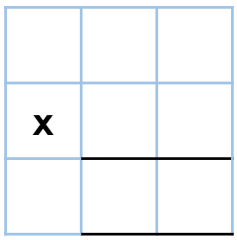
☐ x 2 = 84

4 x 21 = ☐

☐ = 3 x 20

GD VF

11b. True or false? 23 x 3 = 96



Work out your answer using column method.

GD VF

12b. Use <, > or = to make these number sentences correct.

8 x 10 ☐ 80 ☐ 41 x 2

33 x 3 ☐ 90 ☐ 11 x 6

GD VF

Varied Fluency
Multiply 2-Digits by 1-Digit 1

Developing

1a. 26, 26
2a. 42
3a. False, 33 x 3 = 99
4a. <, >

Expected

5a. 39, 39
6a. 88
7a. True
8a. >, <

Greater Depth

9a. 12 + 12 + 12 = 12 x 3; 14 x 2 = 14 + 14; 13 x 2 = 13 + 13
10a. 11, 86, 69
11a. False; 41 x 2 = 82
12a. =, > and >, <

Varied Fluency
Multiply 2-Digits by 1-Digit 1

Developing

1b. 55, 55
2b. 96
3b. True
4b. >, <

Expected

5b. 48, 48
6b. 99
7b. False; 21 x 4 = 84
8b. =, >

Greater Depth

9b. 11 + 11 + 11 = 11 x 3, 12 x 2 = 12 + 12, 13 + 13 + 13 = 13 x 3
10b. 42, 84, 60
11b. False, 23 x 3 = 69
12b. =, < and >, >