Short Multiplication

I can use short multiplication.

		5	6
×			4
	2	2	4
		2	

1.

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- 1. First set your calculation out correctly with one number in each square. Use a ruler to draw the lines.
- 2. Multiply the ones digit by 4. $(6 \times 4 = 24)$
- 3. Write the 2 tens in the tens column under the line. You need to carry this over to the tens column because it represents 20.
- 4. Now calculate the tens. Multiply 5 by 4. (5 \times 4 = 20)
- 5. Don't forget to add on the 2 tens that you carried. (20 + 2 = 22)

Cut out the cards. Place them face down in front of you. Choose a card and calculate the answer using the short method of multiplication.

49 x 3	8 x 75	3 x 55
71 x 8	8 x 31	91 times 3
The product of 8 and 83	46 x 4	88 x 4
94 x 3	67 x 4	64 multiplied by 4
twinkl planit	Maths Year 3 Multiplication and Division Mu	Itiplication Lesson 3 of 4: Expanded Multiplication



1.

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1. 49 x 3	2. 8	x 75		3.	3 x 55		
4. 91 x 3	」 <u> </u>	he product o	of 8 and 83	6.	64 multip	olied by 4	ŀ
4. 91 x 3	」 <u></u> . ⊤ . ⊤	he product o	of 8 and 83	6.	64 multip	blied by 4	
4. 91 x 3	5. T	he product o	of 8 and 83	6.	64 multip	olied by 4	
4. 91 x 3	5. T	he product o	of 8 and 83	6.	64 multip	olied by 4	
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4. 91 x 3	5. T	he product o	of 8 and 83	6.	64 multip	plied by 4	



Short Multiplication

7)	7	3	8)	8	6	9)	1	2	6	10)	3	7	8
×		4	×		3	×			4	×			8
2	8	2	2	5	8		4	0	4	2	q	6	2
	1			1			1	2			5	6	

Mark these calculations with a \checkmark below if they are correct.

If they are wrong put an 🗴 and circle the part of the calculation where the mistake is.

7)

8)

9)

10)	

Now try these:

11. 149 x 4								

12.	914 times 8							

13.	8 multiplied by 287						

14.	3 x	753		

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15.	4 m	4 multiplied by 831							

16 .	3 x 556							



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Short Multiplication Answers

1.			5	6
	×			4
		2	2	4
			2	

- 1. First set your calculation out correctly with one number in each square. Use a ruler to draw the lines.
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Cut out the cards. Place them face down in front of you. Choose a card and calculate the answer using the short method of multiplication.

49 x 3 = 147	8 x 75 = 600	3 x 55 = 165
71 x 8 = 568	8 x 31 = 248	91 times 3 = 273
The product of 8 and 83 = 664	46 x 4 = 184	88 x 4 = 352
94 x 3 = 282	67 x 4 = 268	64 multiplied by 4 = 256



Short Multiplication Answers

L.			5	6
	×			4
		2	2	4
			2	

- 1. First set your calculation out correctly with one number in each square. Use a ruler to draw the lines.
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49 × 3 = 147	2. 8 ×	75 = 600	3. 3 x 55 = 165			
						L
91 × 3 = 273	5. 8 x	83 = 664	6. 64 m	ultiplied	by 4 = 25 0	6
91 x 3 = 273	5. 8 ×	83 = 664	6. 64 m	ultiplied	by 4 = 25 0	6
91 x 3 = 273	5. 8 ×	83 = 664	6. 64 m	ultiplied	by 4 = 25 0	6
21 × 3 = 273	5. 8 ×	83 = 664	6. 64 m	ultiplied	by 4 = 25 0	6
21 × 3 = 273	5. 8 ×	83 = 664	6. 64 m	ultiplied	by 4 = 25	6
P1 × 3 = 273	5. 8 x	83 = 664	6. 64 m	ultiplied	by 4 = 25	6
01 × 3 = 273	5. 8 x	83 = 664	6. 64 m	ultiplied	by 4 = 25	6
91 × 3 = 273	5. 8 x	83 = 664	6. 64 m		by 4 = 250	6



A **Short Multiplication Answers**

7)	7	3	8)	8	6	9)	1	2	6	10)	3	7	8
×		4	×		3	×			4	×			8
2	8	2	2	5	8		4	0	4	2	9	6	2
				1				2			5	6	

Mark these calculations with a \checkmark below if they are correct.

If they are wrong put an * and circle the part of the calculation where the mistake is.

7) 8) X





Now try these:

11. 149 × 4 = 596									

12. 914 times 8 = 7312									

14. 3 × 753 = 2259									

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15. 4 × 831 = 3324

16. 3 × 556 = 1668									

