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Area/Box Multiplication Method Worksheets for 1x2, 1x3, 1x4, 2x2, 2x3, and 2x4 problem types.

This set of worksheets has practice questions for practicing multiplication. Each page has a set of questions followed by a set of answers.

On our website you can find an excel sheet that generates random worksheets of this type. Check it out at:

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1x2 Box Multiplication

1) 24×4

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Answer

2) 22×4

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3) 22×8

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4) 10×8

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5) 83×7

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6) 14×7

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7) 87×8

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1x2 Box Multiplication

1) 24×4	$\begin{array}{r} 20 \quad 4 \\ 4 \boxed{\begin{array}{ c c } \hline 80 & 16 \\ \hline \end{array}} \end{array}$	Answer <u>96</u>
2) 22×4	$\begin{array}{r} 20 \quad 2 \\ 4 \boxed{\begin{array}{ c c } \hline 80 & 8 \\ \hline \end{array}} \end{array}$	<u>88</u>
3) 22×8	$\begin{array}{r} 20 \quad 2 \\ 8 \boxed{\begin{array}{ c c } \hline 160 & 16 \\ \hline \end{array}} \end{array}$	<u>176</u>
4) 10×8	$\begin{array}{r} 10 \quad 0 \\ 8 \boxed{\begin{array}{ c c } \hline 80 & 0 \\ \hline \end{array}} \end{array}$	<u>80</u>
5) 83×7	$\begin{array}{r} 80 \quad 3 \\ 7 \boxed{\begin{array}{ c c } \hline 560 & 21 \\ \hline \end{array}} \end{array}$	<u>581</u>
6) 14×7	$\begin{array}{r} 10 \quad 4 \\ 7 \boxed{\begin{array}{ c c } \hline 70 & 28 \\ \hline \end{array}} \end{array}$	<u>98</u>
7) 87×8	$\begin{array}{r} 80 \quad 7 \\ 8 \boxed{\begin{array}{ c c } \hline 640 & 56 \\ \hline \end{array}} \end{array}$	<u>696</u>

1x3 Box Multiplication

1) 137×5

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Answer

2) 275×2

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3) 385×4

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4) 310×8

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5) 148×6

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6) 734×4

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7) 811×7

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1x3 Box Multiplication

$$\begin{array}{r} 100 \quad 30 \quad 7 \\ 1) \quad 137 \times 5 \quad 5 \begin{array}{|c|c|c|} \hline 500 & 150 & 35 \\ \hline \end{array} \quad \begin{array}{r} \text{Answer} \\ \hline 685 \end{array} \end{array}$$

$$\begin{array}{r} 200 \quad 70 \quad 5 \\ 2) \quad 275 \times 2 \quad 2 \begin{array}{|c|c|c|} \hline 400 & 140 & 10 \\ \hline \end{array} \quad \begin{array}{r} \hline 550 \end{array} \end{array}$$

$$\begin{array}{r} 300 \quad 80 \quad 5 \\ 3) \quad 385 \times 4 \quad 4 \begin{array}{|c|c|c|} \hline 1200 & 320 & 20 \\ \hline \end{array} \quad \begin{array}{r} \hline 1540 \end{array} \end{array}$$

$$\begin{array}{r} 300 \quad 10 \quad 0 \\ 4) \quad 310 \times 8 \quad 8 \begin{array}{|c|c|c|} \hline 2400 & 80 & 0 \\ \hline \end{array} \quad \begin{array}{r} \hline 2480 \end{array} \end{array}$$

$$\begin{array}{r} 100 \quad 40 \quad 8 \\ 5) \quad 148 \times 6 \quad 8 \begin{array}{|c|c|c|} \hline 600 & 240 & 48 \\ \hline \end{array} \quad \begin{array}{r} \hline 888 \end{array} \end{array}$$

$$\begin{array}{r} 700 \quad 30 \quad 4 \\ 6) \quad 734 \times 4 \quad 4 \begin{array}{|c|c|c|} \hline 2800 & 120 & 16 \\ \hline \end{array} \quad \begin{array}{r} \hline 2936 \end{array} \end{array}$$

$$\begin{array}{r} 800 \quad 10 \quad 1 \\ 7) \quad 811 \times 7 \quad 7 \begin{array}{|c|c|c|} \hline 5600 & 70 & 7 \\ \hline \end{array} \quad \begin{array}{r} \hline 5677 \end{array} \end{array}$$

1x4 Box Multiplication

1) 1264×3

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Answer

2) 2660×5

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3) 2768×9

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4) 4644×3

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5) 7256×9

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6) 6219×6

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7) 5531×9

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1x4 Box Multiplication

1) 1264 x 3	3	1000	200	60	4	Answer
		3000	600	180	12	3792
2) 2660 x 5	5	2000	600	60	0	Answer
		10000	3000	300	0	13300
3) 2768 x 9	9	2000	700	60	8	Answer
		18000	6300	540	72	24912
4) 4644 x 3	3	4000	600	40	4	Answer
		12000	1800	120	12	13932
5) 7256 x 9	9	7000	200	50	6	Answer
		63000	1800	450	54	65304
6) 6219 x 6	6	6000	200	10	9	Answer
		36000	1200	60	54	37314
7) 5531 x 9	9	5000	500	30	1	Answer
		45000	4500	270	9	49779

2x2 Box Multiplication

1) 29×15

Answer

2) 34×21

3) 16×92

4) 29×66

5) 48×18

2x2 Box Multiplication

1) 29×15

	10	5	
20	200	100	
9	90	45	

Answer

435

2) 34×21

	20	1	
30	600	30	
4	80	4	

714

3) 16×92

	90	2	
10	900	20	
6	540	12	

1472

4) 29×66

	60	6	
20	1200	120	
9	540	54	

1914

5) 48×18

	10	8	
40	400	320	
8	80	64	

864

2x3 Box Multiplication

1) 177×22

Answer

2) 231×43

3) 225×81

4) 389×72

5) 757×27

2x3 Box Multiplication

1) 177×22

		100	70	7	
20	2000	1400	140		
2	200	140	14		

Answer

3894

2) 231×43

		200	30	1	
40	8000	1200	40		
3	600	90	3		

9933

3) 225×81

		200	20	5	
80	16000	1600	400		
1	200	20	5		

18225

4) 389×72

		300	80	9	
70	21000	5600	630		
2	600	160	18		

28008

5) 757×27

		700	50	7	
20	14000	1000	140		
7	4900	350	49		

20439

2x4 Box Multiplication

1) 1322×11

Answer

2) 1758×21

3) 3226×13

4) 1739×21

5) 3214×87

2x4 Box Multiplication

		1000	300	20	2	
1) 1322 x 11	10	1000	300	20	2	Answer
	1	1000	300	20	2	
						14542

		1000	700	50	8	
2) 1758 x 21	20	2000	1400	100	16	Answer
	1	1000	700	50	8	
						36918

		3000	200	20	6	
3) 3226 x 13	10	3000	200	20	6	Answer
	3	9000	600	60	18	
						41938

		1000	700	30	9	
4) 1739 x 21	20	2000	1400	60	18	Answer
	1	1000	700	30	9	
						36519

		3000	200	10	4	
5) 3214 x 87	80	24000	1600	80	32	Answer
	7	21000	1400	70	28	
						279618