

# Multiply 3 Digits by 2 Digits

# Multiply 3 Digits by 2 Digits

4a. Molly and Jess are working on the same calculation. They get different answers.

		3	1	2
x		1	4	
<hr/>				
	1	2	4	8
		3	1	2
<hr/>				
	1	5	5	0

		3	1	2	
x		1	4		
<hr/>					
	1	2	4	8	
		3	1	2	0
<hr/>					
	4	3	6	8	

Who is correct?



PS

4b. Chen and Jamie are working on the same calculation. They get different answers.

		4	3	4	
x		2	5		
<hr/>					
	2	1 <sub>1</sub>	7 <sub>2</sub>	0	
		8	6	8	0
<hr/>					
	1	0	8	5	0
<hr/>					
		1			

		4	3	4	
x		2	5		
<hr/>					
	2	0 <sub>1</sub>	5 <sub>2</sub>	0	
		8	6	8	0
<hr/>					
	1	0	6	3	0
<hr/>					
		1			

Who is correct?



PS

5a. Complete the calculations so that calculation B is less than calculation A.

		5	1	0
x		1	6	
<hr/>				

x				
<hr/>				



PS

5b. Complete the calculations so that calculation B is greater than calculation A.

		4	6	2
x		3	2	
<hr/>				

x				
<hr/>				



PS

6a. Derek is painting the ceiling of the local church. A tin of paint covers 2,000m<sup>2</sup>. The ceiling is 142m x 54m.

x				
<hr/>				



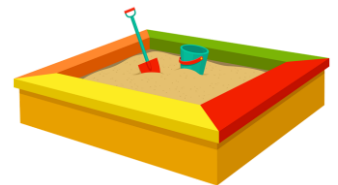
He thinks he needs to buy 7 tins of paint. Is he correct? Explain your answer.



R

6b. James is filling the sandpit with sand. One bag of sand covers an area of 1,000cm<sup>2</sup>. The sandpit is 215cm x 95cm.

x				
<hr/>				



He thinks he needs to buy 21 bags of sand. Is he correct? Explain your answer.



R

# Multiply 3 Digits by 2 Digits

# Multiply 3 Digits by 2 Digits

7a. Atifa and Jacob are working on the same calculation. They get different answers.

		4	2	□
x			□	3
<hr/>				
	1	2	6	9
	1	6	8 <sub>1</sub>	2 0
<hr/>				
	1	7	0	8 9
	1			

		4	2	□
x			□	3
<hr/>				
	1	2	6	9
	1	6	9 <sub>1</sub>	2 0
<hr/>				
	1	8	1	8 9
	1			

Who is correct?



PS

7b. Kate and Stanley are working on the same calculation. They get different answers.

		3	□	4
x			6	□
<hr/>				
	1	5 <sub>3</sub>	3 <sub>1</sub>	6
	2	3 <sub>5</sub>	0 <sub>2</sub>	4 0
<hr/>				
	2	4	5	7 6

		3	□	4
x			6	□
<hr/>				
	1	5 <sub>3</sub>	3 <sub>1</sub>	6 0
	2	3 <sub>5</sub>	0 <sub>2</sub>	4 0
<hr/>				
	3	8	4	0 0

Who is correct?



PS

8a. Complete the calculations so that calculation B is greater than calculation A.

		2	8	1
x			3	2
<hr/>				

		2	□	1
x			3	□
<hr/>				



PS

8b. Complete the calculations so that calculation B is less than calculation A.

		7	1	3
x			2	4
<hr/>				

		7	1	□
x			2	□
<hr/>				



PS

9a. Carol the caretaker is varnishing the hall. 1 tin of varnish covers 100m<sup>2</sup>. The length of the hall is 108m and the width of the hall is between 40m and 44m. School has ordered 47 tins of varnish.

x			
<hr/>			



Will there be enough varnish? Explain your answer.



R

9b. Liam the gardener is sowing grass seed to cover a path. 1 packet covers 1,000cm<sup>2</sup>. The length of the path is 682cm the width is between 70cm and 74cm. He has ordered 50 packets.

x			
<hr/>			



Will there be enough grass seed? Explain your answer.



R