

# Starting Point

1a Terry solves the following multiplication.



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

Is he correct? Explain your answer.



R

1b May solves the following multiplication.



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

Is she correct? Explain your answer.



R

2a True or false?  $57 \times 44 = 2508$

			5	7
x			4	4
<hr/>				
<hr/>				

2b True or false?  $56 \times 34 = 1,094$

			5	6
x			3	4
<hr/>				
<hr/>				

3. Which is larger?  $68 \times 37$

x				
<hr/>				
<hr/>				

or  $67 \times 38$

x				
<hr/>				
<hr/>				

# Feeling Happy

1a . 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

1b 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

2. Complete each number statement using  $>$ ,  $<$  or  $=$ .

A.  $103 \times 14$   1,314

B.  $105 \times 11$   2,524

C.  $315 \times 12$   3,780



VF  
HW/Ext

3a . Complete the calculations so that calculation B is less than calculation A.

		5	1	0
x		1	6	
<hr/>				

		<input type="text"/>	<input type="text"/>	<input type="text"/>
x		<input type="text"/>	<input type="text"/>	
<hr/>				



PS

3b Complete the calculations so that calculation B is greater than calculation A.

		4	6	2
x		3	2	
<hr/>				

		<input type="text"/>	<input type="text"/>	<input type="text"/>
x		<input type="text"/>	<input type="text"/>	
<hr/>				



PS

# Hot Stuff!

1a i. Complete the calculations so that calculation B is greater than calculation A.

A.			
	2	8	1
x		3	2
<hr/>			
<hr/>			
<hr/>			

B.			
	2	<input type="text"/>	1
x		3	<input type="text"/>
<hr/>			
<hr/>			
<hr/>			



PS

1b Complete the calculations so that calculation B is less than calculation A.

A.			
	7	1	3
x		2	4
<hr/>			
<hr/>			
<hr/>			

B.			
	7	1	<input type="text"/>
x		2	<input type="text"/>
<hr/>			
<hr/>			
<hr/>			



PS

2 Complete each number statement using  $>$ ,  $<$  or  $=$ .

A.  $206 \times 13$    $107 \times 22$

B.  $328 \times 32$    $234 \times 52$

C.  $405 \times 16$    $436 \times 23$



VF  
HW/Ext

3 Use the clues to complete the calculations below. Match them to the correct answer.

A.			
	6	5	4
x		3	<input type="text"/>
<hr/>			
			8
<hr/>			
<hr/>			

B.			
	5	<input type="text"/>	4
x		3	2
<hr/>			
			0
<hr/>			
<hr/>			

C.			
	2	8	<input type="text"/>
x		6	2
<hr/>			
			2
<hr/>			
<hr/>			

16,128

20,928

17,422



VF  
HW/Ext

# Starting Point Answers

1a Terry solves the following multiplication.



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

No, because the second part of the calculation is incorrect:  $38 \times 20 = 760$  and the final answer should be 988.

1b May solves the following multiplication.



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

No. May has not added the two answers properly. It should be 1,204.

2a True or false?  $57 \times 44 = 2508$

	True		5	7
x			4	4
<hr/>				
<hr/>				

2b True or false?  $56 \times 34 = 1,094$

False – the answer should be 1904

			5	6
x			3	4
<hr/>				
<hr/>				

3.  $68 \times 37 = 2516$  or

x				
<hr/>				
<hr/>				

$67 \times 38 = 2546$  (largest)

x				
<hr/>				
<hr/>				

# Feeling Happy - Answers

1a . 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	

Jess is correct.  $312 \times 14 = 4,368$



PS

1b 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			

Chen is correct.  $434 \times 25 = 10,850$



PS

2. Complete each number statement using  $>$ ,  $<$  or  $=$ .

A.  $103 \times 14$  >  $1,314$

B.  $105 \times 11$  <  $2,524$

C.  $315 \times 12$  =  $3,780$



VF  
HW/Ext

3a . Complete the calculations so that calculation B is less than calculation A.

		5	1	0
x		1	6	
<hr/>				

		<input type="text"/>	<input type="text"/>	<input type="text"/>
x		<input type="text"/>	<input type="text"/>	
<hr/>				

Lots of answers would be correct – check yours on a calculator



PS

3b Complete the calculations so that calculation B is greater than calculation A.

		4	6	2
x		3	2	
<hr/>				

		<input type="text"/>	<input type="text"/>	<input type="text"/>
x		<input type="text"/>	<input type="text"/>	
<hr/>				

Lots of answers would be correct – check yours on a calculator



PS

# Hot Stuff! - Answers

1a i. Complete the calculations so that calculation B is greater than calculation A.

	2	8	1
x		3	2
<hr/>			

	2	<input type="text"/>	1
x		3	<input type="text"/>
<hr/>			

Lots of answers would be correct – check yours on a calculator



PS

1b Complete the calculations so that calculation B is less than calculation A.

	7	1	3
x		2	4
<hr/>			

	7	1	<input type="text"/>
x		2	<input type="text"/>
<hr/>			

Lots of answers would be correct – check yours on a calculator



PS

2 Complete each number statement using >, < or =.

A.  $206 \times 13 > 107 \times 22$

B.  $328 \times 32 < 234 \times 52$

C.  $405 \times 16 < 436 \times 23$



VF  
HW/Ext

3 Use the clues to complete the calculations below. Match them to the correct answer.

	6	5	4
x		3	2
<hr/>			
			8
<hr/>			
<hr/>			
<hr/>			

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

	2	8	1
x		6	2
<hr/>			
			2
<hr/>			
<hr/>			
<hr/>			

20,928;      16,128;      17,422

16,128

20,928

17,422



VF  
HW/Ext