



Expanded Multiplication

I can multiply using the expanded method.



1.

	3	6		
x		4		
	<hr/>		(6x4)	
			(30x4)	
	<hr/>		(6x4) +	(30x4)

2.

	7	5		
x		8		
	<hr/>		(5x8)	
			(70x8)	
	<hr/>		(5x8) +	(70x8)

Now set these out yourself. Make sure you put one number in each square and line up the columns carefully.

3. 62 x 3

	6	2		
x		3		
	<hr/>		(2x3)	
			(60x3)	
	<hr/>		(2x3) +	(60x3)

4. 24 x 8

	2	4		
x		8		
	<hr/>		(4x8)	
			(20x8)	
	<hr/>		(4x8) +	(20x8)

5. 33 x 4

	3	3		
x		4		
	<hr/>		(3x4)	
			(30x4)	
	<hr/>		(3x4) +	(30x4)



Expanded Multiplication

6. 48×4

		4	8		
	x		4		
		<hr/>			(8x4)
					(40x4)
		<hr/>			(8x4) + (40x4)

7. 81×3

		8	1		
	x		3		
		<hr/>			(1x3)
					(80x3)
		<hr/>			(1x3) + (80x3)

8. 92×3

		9	2		
	x		3		
		<hr/>			(2x3)
					(90x3)
		<hr/>			(2x3) + (90x3)

9. 52×8

		5	2		
	x		8		
		<hr/>			(2x8)
					(50x8)
		<hr/>			(2x8) + (50x8)

10. 45×8

		4	5		
	x		8		
		<hr/>			(5x8)
					(40x8)
		<hr/>			(5x8) + (40x8)

Now use the grid method to check each of your answers. (You can use the space below.)



Expanded Multiplication

I can multiply using the expanded method.



1.

	3	6		
x		4		
	<hr/>		(6x4)	
			(30x4)	
	<hr/>		(6x4) +	(30x4)

2.

	7	5		
x		8		
	<hr/>		(5x8)	
			(70x8)	
	<hr/>		(5x8) +	(70x8)

Now set these out yourself. Make sure you put one number in each square and line up the columns carefully.

3. 62×3

4. 24×8

5. 33×4



Expanded Multiplication

6. 48×4

7. 81×3

8. 92×3

9. 50×8

10. 45×8

Now use the grid method to check each of your answers. (You can use the space below.)



Expanded Multiplication

I can multiply using the expanded method.



1.

	3	6		
x		4		
	<hr/>		(6x4)	
			(30x4)	
	<hr/>		(6x4) + (30x4)	

2.

	4	3	5		
x			3		
	<hr/>			(5x3)	
				(30x3)	
	<hr/>			(400x3)	
				(5x3) + (30x3) + (400x3)	

Now set these out yourself. Make sure you put one number in each square and line up the columns carefully.

3. 24×8

4. 48×4

5. 81×3



Expanded Multiplication

6. 92×3

7. 512×3

8. 452×4

9. 326×8

10. 755×4

Now use the grid method to check each of your answers. (You can use the space below.)



Expanded Multiplication Answers

1. **144**

2. **600**

3. **186**

4. **192**

5. **132**

6. **192**

7. **243**

8. **276**

9. **416**

10. **360**



1. **144**

2. **600**

3. **186**

4. **192**

5. **132**

6. **192**

7. **243**

8. **276**

9. **400**

10. **360**



Expanded Multiplication Answers

1. **144**

6. **276**

2. **1305**

7. **1536**

3. **192**

8. **1808**

4. **192**

9. **2608**

5. **243**

10. **3020**