



## Worksheet

Name :

Subject:

Math- Multiplication WS

Class:

Date:

Q1) Calculate the answer of the following:

$9 \times 600 = 5400$	$1 \times 600 = 600$
$6 \times 70 = 420$	$2 \times 70 = 140$
$8 \times 200 = 1600$	$8 \times 900 = 7200$
$2 \times 30 = 60$	$8 \times 80 = 640$
$5 \times 70 = 350$	$9 \times 700 = 6300$
$8 \times 300 = 2400$	$9 \times 50 = 450$
$9 \times 200 = 1800$	$6 \times 400 = 2400$
$2 \times 900 = 1800$	$5 \times 300 = 1500$
$7 \times 70 = 490$	$6 \times 90 = 540$
$9 \times 90 = 810$	$4 \times 50 = 200$
$4 \times 500 = 2000$	$3 \times 20 = 60$

Q2) Find the value of the following:

a)  $52 \times 4 = 208$

		5	2
			4
<hr/>			
	2	0	8

b)  $753 \times 9 = 6777$

	7	5	3
			9
<hr/>			
6	7	7	7

c)  $962 \times 6 = 5772$

		9	6	2
				6
<hr/>				
	5	7	7	2

d)  $369 \times 8 = 2952$

		3	6	9
				8
<hr/>				
	2	9	5	2

e)  $4527 \times 3 = 13581$

	4	5	2	7
				3
<hr/>				
1	3	5	8	1

Q3) A baker uses 1355 kg of flour every day.

Calculate how much flour the baker uses in 7 days.

	1	3	5	5
				7
<hr/>				
	9	4	8	5

9485 ..... kg [1]

Q4) Find the product of the following:

a)  $852 \times 7 = 5964$

		8	5	2
				7
<hr/>				
	5	9	6	4

b)  $459 \times 2 = 918$

	4	5	9
	.		2
<hr/>			
	9	1	8

c)  $729 \times 8 = 5832$

		7	2	9
				8
<hr/>				
	5	8	3	2

d)  $355 \times 5 = 1775$

		3	5	5
				5
<hr/>				
	1	7	7	5

e)  $7512 \times 2 = 15024$

		7	5	1	2
					2
<hr/>					
	1	5	0	2	4

f)  $2105 \times 6 = 12630$

		2	1	0	5
					6
<hr/>					
	1	2	6	3	0

Q5) Calculate the following:

a)  $425 \times 15 = 6375$

			4	2	5
×			1	5	
<hr/>					
+	2	1	2	5	
<hr/>					
+	4	2	5		0
<hr/>					
=	6	3	7	5	

b)  $236 \times 14 = 3304$

			2	3	6
×			1	4	
<hr/>					
+		9	4	4	
<hr/>					
+	2	3	6		0
<hr/>					
=	3	3	0	4	

c)  $528 \times 37 = 19536$

			5	2	8
×			3	7	
<hr/>					
+		3	6	9	6
<hr/>					
+	1	5	8	4	0
<hr/>					
=	1	9	5	3	6

d)  $125 \times 91 = 11375$

			1	2	5
×			9	1	
<hr/>					
+		1	2	5	
<hr/>					
+	1	1	2	5	0
<hr/>					
=	1	1	3	7	5

e)  $257 \times 63 = 16191$

			2	5	7
×			6	3	
<hr/>					
+		7	7	1	
<hr/>					
+	1	5	4	2	0
<hr/>					
=	1	6	1	9	1

f)  $233 \times 48 = 11184$

			2	3	3
×			4	8	
<hr/>					
+		1	8	6	4
<hr/>					
+		9	3	2	0
<hr/>					
=	1	1	1	8	4

g)  $525 \times 22 = 11550$

			5	2	5
×			2	2	
<hr/>					
+		1	0	5	0
<hr/>					
+	1	0	5	0	0
<hr/>					
=	1	1	5	5	0

Q6) Calculate the following:

h)  $614 \times 35 = 21490$

			6	1	4
×				3	5
+			3	0	7
+		1	8	4	2
=	2	1	4	9	0

i)  $412 \times 13 = 5356$

			4	1	2
×				1	3
+		1	2	3	6
+		4	1	2	0
=	5	3	5	6	

j)  $241 \times 72 = 17352$

				2	4	1
×					7	2
+				4	8	2
+		1	6	8	7	0
=	1	7	3	5	2	

k)  $892 \times 11 = 9812$

			8	9	2
×				1	1
+			8	9	2
+		8	9	2	0
=	9	8	1	2	

l)  $722 \times 23 = 16606$

				7	2	2
×					2	3
+			2	1	6	6
+		1	4	4	4	0
=	1	6	6	0	6	

m)  $846 \times 45 = 38070$

				8	4	6
×					4	5
+			4	2	3	0
+		3	3	8	4	0
=	3	8	0	7	0	

n)  $369 \times 33 = 12177$

					3	6	9
×						3	3
+			1	1	0	7	
+		1	1	0	7	0	
=	1	2	1	7	7		

Q7) Find the value of the following

a)  $216 \times 16 = \underline{3456}$

			2	1	6
×				1	6
<hr/>					
+		1	2	9	6
+		2	1	6	0
<hr/>					
=		3	4	5	6

b)  $134 \times 27 = \underline{3618}$

			1	3	4
×				2	7
<hr/>					
+			9	3	8
+		2	6	8	0
<hr/>					
=		3	6	1	8

c)  $450 \times 49 = \underline{22050}$

				4	5	0
×					4	9
<hr/>						
+			4	0	5	0
+		1	8	0	0	0
<hr/>						
=		2	2	0	5	0

d)  $213 \times 55 = \underline{11715}$

				2	1	3
×					5	5
<hr/>						
+			1	0	6	5
+		1	0	6	5	0
<hr/>						
=		1	1	7	1	5

e)  $673 \times 18 = \underline{12114}$

				6	7	3
×					1	8
<hr/>						
+			5	3	8	4
+			6	7	3	0
<hr/>						
=		1	2	1	1	4

There's 1 total decimal places in both numbers.

Q8) Calculate the value of the following:

Ignore the decimal places and complete the multiplication as if operating on two integers.

a)  $7.2 \times 2 = 14.4$

			7	2
×				2
<hr/>				
+		1	4	4
<hr/>				
=		1	4	4

b)  $1.25 \times 5 = 6.25$

	1	.	2	5
				5
<hr/>				
	6	.	2	5

Rewrite the product with 1 total decimal places.

Answer = 14.4

c)  $34.5 \times 3 = 103.5$

		3	4	.	5
					3
<hr/>					
	1	0	3	.	5

d)  $1.44 \times 2 = 2.88$

	1	.	4	4
				2
<hr/>				
	2	.	8	8

e)  $85.4 \times 23 = 1964.2$

				8	5	.	4
×					2	3	
<hr/>							
+			2	5	6	2	
<hr/>							
+		1	7	0	8		0
<hr/>							
=		1	9	6	4	.	2

f)  $1.21 \times 24 = 29.04$

			1	.	2	1
×				2	4	
<hr/>						
+			4	8	4	
<hr/>						
+		2	4	2	0	
<hr/>						
=		2	9	.	0	4

g)  $1.83 \times 15 = 27.45$

			1	.	8	3
×				1	5	
<hr/>						
+			9	1	5	
<hr/>						
+		1	8	3	0	
<hr/>						
=		2	7	.	4	5

Q9) Calculate the following:

a)  $24.3 \times 3.6 = 87.48$

			2	4	3
×			3	6	
<hr/>					
+	1	4	5	8	
+	7	2	9		
<hr/>					
=	8	7	4	8	

b)  $15.6 \times 1.3 = 20.28$

			1	5	6
×			1	3	
<hr/>					
+		4	6	8	
+	1	5	6		
<hr/>					
=	2	0	2	8	

c)  $1.28 \times 4.1 = 5.248$

			1	2	8
×			4	1	
<hr/>					
+		1	2	8	
+	5	1	2		
<hr/>					
=	5	2	4	8	

d)  $25.2 \times 6.5 = 163.80$

			2	5	2
×			6	5	
<hr/>					
+		1	2	6	0
+	1	5	1	2	
<hr/>					
=	1	6	3	8	0

e)  $18.9 \times 3.2 = 60.48$

			1	8	9
×			3	2	
<hr/>					
+		3	7	8	
+	5	6	7		
<hr/>					
=	6	0	4	8	

f)  $27.5 \times 5 = 137.5$

		2	7	5
<hr/>				
			5	
<hr/>				
	1	3	7	5

g)  $30.6 \times 1.9 = 58.14$

			3	0	6
×			1	9	
<hr/>					
+	2	7	5	4	
+	3	0	6		
<hr/>					
=	5	8	1	4	



Q10)

Lily has some identical wooden cubes.  
The length of each edge of a cube is 4.5 cm.

Lily builds a tower 8 cubes tall.



Calculate the height of the tower.

There's 1 total decimal places in both numbers.

Ignore the decimal places and complete the multiplication as if operating on two integers.

			4	5
×				8
<hr/>				
+		3	6	0
<hr/>				
=		3	6	0

Rewrite the product with 1 total decimal places.

Answer = 36.0

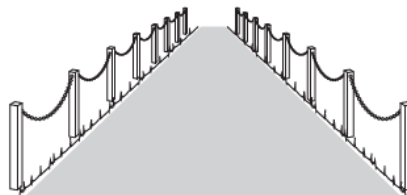
36

..... cm [1]

Q11)

Ahmed fixes chains between some posts.

The length of each chain is 1.8 metres.  
He uses 14 chains.



Calculate the total length of chain Ahmed uses.

There's 1 total decimal places in both numbers.

Ignore the decimal places and complete the multiplication as if operating on two integers.

			1	8
×			1	4
<hr/>				
+			7	2
<hr/>				
+		1	8	
<hr/>				
=		2	5	2

Rewrite the product with 1 total decimal places.

Answer = 25.2

Therefore:

$1.8 \times 14 = 25.2$

25.2

..... metres [1]

Q12) A shop sells ribbons.

The length of each ribbon is 3.87 metres.

Calculate the **total** length of 6 ribbons.

There's **2** total decimal places in both numbers.

Ignore the decimal places and complete the multiplication as if operating on two integers.

			3	8	7
×					6
+		2	3	2	2
=		2	3	2	2

23.22 ..... metres [1]

Rewrite the product with **2** total decimal places.

Answer = 23.22

Therefore:

$$3.87 \times 6 = 23.22$$