

Multi - Digit Multiplication Practice E

Triangle method

[illegible]

Diagram illustrating the addition of 420 and 42. The number 420 is in a box, and 42 is in another box. An arrow points from the 0 in 420 to the 2 in 42, and another arrow points from the 2 in 42 to the 4 in 420, illustrating the regrouping process.

	2	
	6	6
	x	7
4	6	2

1	6	6				2	2	3				3	3	5				4	5	3				5	8	3
	x	7					x	8					x	8					x	4					x	6
6	9	3				7	5	4				8	2	8				9	4	1				10	4	7
	x	3					x	2					x	9					x	8					x	8
11	9	7				12	7	4				13	1	9				14	6	2				15	6	7
x	5	6				x	1	1				x	1	4				x	4	2					1	3
16	8	5				17	9	9				18	4	3				19	7	9				20	9	4
x	2	5				x	1	6				x	2	1				x	4	1				x	5	4

Answer Key

Multi - Digit Multiplication Practice E

(1) 462

(2) 184

(3) 280

(4) 212

(5) 498

(6) 279

(7) 108

(8) 252

(9) 328

(10) 376

(11) 5432

(12) 814

(13) 266

(14) 2604

(15) 871

(16) 2125

(17) 1584

(18) 903

(19) 3239

(20) 5076

Multi - Digit Multiplication Practice F

Traditional method

	2	
	6	6
	x	7
4	6	2

1						2					3					4					5					
	5	8					6	8				6	1				7	8				4	9			
x	1	5				x	4	4			x	1	2			x	6	3			x	3	2			
6						7					8					9					10					
	2	6					7	1				8	2				8	7				3	1			
x	2	2				x	3	3			x	6	4			x	4	6			x	3	1			
11						12					13					14					15					
	7	3					8	3				3	8				6	7				9	2			
x	3	6				x	2	4			x	3	4			x	5	5			x	6	6			
16						17					18					19					20					
	4	5					6	4				1	7				3	5				9	5			
x	2	2				x	3	2			x	1	1			x	2	6			x	6	2			

Answer Key

Multi - Digit Multiplication Practice F

(1) 870

(2) 2992

(3) 732

(4) 4914

(5) 1568

(6) 572

(7) 2343

(8) 5248

(9) 4002

(10) 961

(11) 2628

(12) 1992

(13) 1292

(14) 3685

(15) 6072

(16) 990

(17) 2048

(18) 187

(19) 910

(20) 5890

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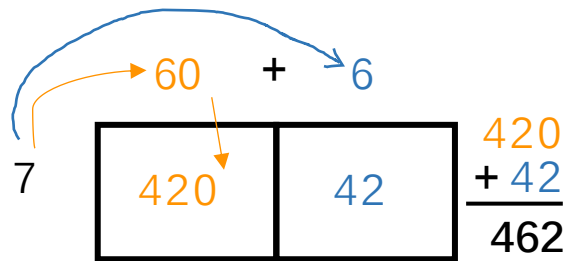
Multi - Digit Multiplication Practice G

Example:

Triangle method

6	6				
x	7				

Area method



Traditional method

	2	
	6	6
	x	7
4	6	2

1						2						3						4						5					
	4	6					9	4					9	1					8	6					9	3			
x	4	2				x	1	3				x	1	6				x	5	4				x	2	4			
6						7						8						9						10					
	8	8					6	8					9	7					4	8					8	4			
x	3	3				x	2	1				x	4	3				x	2	3				x	5	6			
11						12						13						14						15					
	7	7					9	8					3	9					7	9					9	6			
x	1	5				x	3	6				x	3	1				x	6	1				x	5	2			
16						17						18						19						20					
	7	2					7	3					9	1					6	7					8	7			
x	2	4				x	3	6				x	6	3				x	1	4				x	1	6			

Answer Key

Multi - Digit Multiplication Practice G

(1) 1932

(2) 1222

(3) 1456

(4) 4644

(5) 2232

(6) 2904

(7) 1428

(8) 4171

(9) 1104

(10) 4704

(11) 1155

(12) 3528

(13) 1209

(14) 4819

(15) 4992

(16) 1728

(17) 2628

(18) 5733

(19) 938

(20) 1382

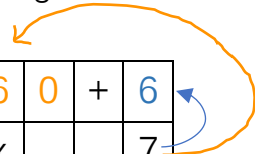
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Multi - Digit Multiplication Practice H

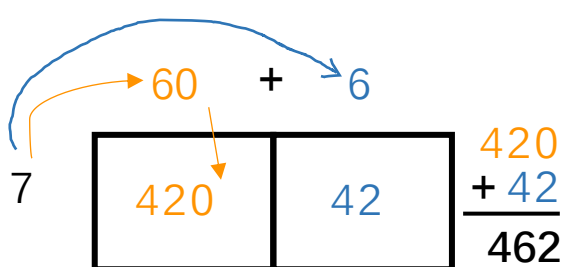
Example:

6	6				
x	7				

Triangle method



Area method



Traditional method

	2	
	6	6
	x	7
4	6	2

1						2						3						4						5					
	7	5					8	2					2	6					9	2					9	9			
x	4	1				x	2	1				x	1	2				x	5	4				x	4	3			
6						7						8						9						10					
	9	7					7	4					7	3					6	5					7	7			
x	4	6				x	5	3				x	3	3				x	5	6				x	6	4			
11						12						13						14						15					
	7	1					2	2					7	2					6	8					8	9			
x	4	2				x	1	1				x	6	6				x	6	2				x	6	1			
16						17						18						19						20					
	5	3	5				2	9	8				7	3	8				3	3	8				9	3	3		
x	6	4				x	6	2				x	5	8				x	7	3				x	2	4			

Answer Key

Multi - Digit Multiplication Practice H

(1) 3075

(2) 1722

(3) 312

(4) 4968

(5) 4257

(6) 4462

(7) 3922

(8) 2409

(9) 3640

(10) 4928

(11) 2982

(12) 242

(13) 4752

(14) 4216

(15) 5429

(16) 34775

(17) 18476

(18) 42804

(19) 24674

(20) 22392

Name : _____

Multi - Digit Multiplication Quiz #1

1

$$\begin{array}{r} 45 \\ \times 7 \\ \hline \end{array}$$

2

$$\begin{array}{r} 48 \\ \times 5 \\ \hline \end{array}$$

3

$$\begin{array}{r} 22 \\ \times 4 \\ \hline \end{array}$$

6

$$\begin{array}{r} 86 \\ \times 5 \\ \hline \end{array}$$

4

$$\begin{array}{r} 18 \\ \times 8 \\ \hline \end{array}$$

5

$$\begin{array}{r} 95 \\ \times 7 \\ \hline \end{array}$$

7

$$\begin{array}{r} 76 \\ \times 3 \\ \hline \end{array}$$

8

$$\begin{array}{r} 61 \\ \times 3 \\ \hline \end{array}$$

9

$$\begin{array}{r} 81 \\ \times 7 \\ \hline \end{array}$$

10

47

x2

11

36

x7

12

75

x3

Challenge Questions (if time) :

13

176

x4

14

744

x7

15

897

X8

16

Create and solve at least 3 multi-digit multiplication questions (if time) :

Answer Key

Multi - Digit Multiplication Quiz #1

(1) 315

(2) 240

(3) 88

(4) 430

(5) 144

(6) 665

(7) 228

(8) 183

(9) 567

(10) 94

(11) 252

(12) 225

(13) 704

(14) 5208

(15) 7176

(16) will vary

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Multi - Digit Multiplication Practice

Example: Triangle method

	5	7				5	0	+	7	
x	1	5				x	1	0	+	5
									3	5
									2	5
									7	0
							+	5	0	0
									8	5
									5	5

(5 × 7)
(5 × 50)
(10 × 7)
(10 × 50)

Area method

	50	+	7	
10	500		70	
+				
5	250		35	

500
250
70
+ 35
855

Traditional method

		5	7	
	x	1	5	
1	2	8	5	
	5	7	0	
	8	5	5	

1		4	8		2		1	3		3		9	6		4		7	9	
		x	2	5			x	1	2			x	3	5			x	3	2
5		7	8		6		4	4		7		6	1		8		4	8	
		x	4	2			x	3	3			x	4	3			x	1	4
9		6	7		10		3	8		11		9	6		12		8	1	
		x	5	5			x	2	5			x	5	3			x	2	6
13		9	3		14		7	4		15		4	1		16		4	5	
		x	6	6			x	2	1			x	3	4			x	4	5
17		8	2	2						18		7	9	7					
		x	1	7								x	5	1					

Answer Key

Multi - Digit Multiplication Practice I

(1) 1200

(2) 156

(3) 3360

(4) 2528

(5) 3276

(6) 1452

(7) 2623

(8) 672

(9) 3685

(10) 950

(11) 5088

(12) 2106

(13) 6138

(14) 1554

(15) 1394

(16) 2025

(17) 13,974

(18) 40,647

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Multi - Digit Multiplication Practice J

Example:

Triangle method

	5	7				5	0	+	7	
x	1	5				x	1	0	+	5
									3	5
								2	5	0
								7	0	
							+	5	0	0
								8	5	5

(5 x 7)

(5 x 50)

(10 x 7)

(10 x 50)

Area method

	50	+	7	
10	500		70	
+				
5	250		35	

$$\begin{array}{r} 500 \\ 250 \\ 70 \\ + 35 \\ \hline 855 \end{array}$$

Traditional method

		5	7	
	x	1	5	
1	2	8	5	
	5	7	0	
	8	5	5	

1		9	9		2		9	5		3		7	5		4		8	6	
		x	6	3			x	5	1			x	5	4			x	1	3
5		8	5		6		7	3		7		2	2		8		5	8	
		x	6	2			x	1	6			x	1	5			x	3	6
9		7	2		10		9	1		11		3	1		12		6	5	
		x	3	5			x	6	4			x	3	1			x	1	2
13		9	7		14		8	4		15		7	2		16		5	9	
		x	5	2			x	6	7			x	5	3			x	3	1
17		7	2	2						18		6	1	6					
		x	5	7								x	7	2					

Answer Key

Multi - Digit Multiplication Practice J

(1) 6237

(2) 4845

(3) 4050

(4) 1118

(5) 5270

(6) 1168

(7) 330

(8) 2088

(9) 2520

(10) 5824

(11) 961

(12) 780

(13) 5044

(14) 5,628

(15) 3,816

(16) 1,829

(17) 41,154

(18) 44,352

Multi - Digit Multiplication Practice L

Traditional method

	5	7						
x	1	5			x	1	0	+ 5
								3 5 (5×7)
							2	5 0 (5×50)
								7 0 (10×7)
						+	5	0 0 (10×50)
							8	5 5

	50	+	7	
10	500		70	500 250 70 + 35 855
+				
5	250		35	

		3		
			5	7
	x	1	5	
1	2	8	5	
	5	7	0	
	8	5	5	

1		7	7		2		5	4		3		7	4		4		7	4	7	
		x	3	8			x	2	1			x		3			x	6	4	
5		7	8		6		3	3		7		4	7	8		8		8	4	
		x		3			x	1	9			x	4	1			x	4	8	
9		8	9		10		1	3	7		11		6	5		12		7	4	
		x	2	9			x	9	5			x		7			x	4	8	
13		4	6		14		6	7	3		15		4	5	2		16		5	7
		x	2	2			x		4			x	1	3			x	1	6	
17	9	5	5	6							18	7	1	4						
	x		6	2							x	5	1	4						

Answer Key

Multi - Digit Multiplication Practice L

(1) 2,926

(2) 1,134

(3) 222

(4) 47,808

(5) 234

(6) 627

(7) 19,598

(8) 4,032

(9) 2,581

(10) 13,015

(11) 455

(12) 3,552

(13) 1,012

(14) 2,692

(15) 5,876

(16) 912

(17) 592,472

(18) 386,274

Multi - Digit Multiplication Practice K

Traditional method

	5	7					5	0	+	7	
x	1	5					x	1	0	+	5
										3	5
										2	5
										7	0
								+	5	0	0
										8	5
										5	5

(5×7)

(5×50)

(10×7)

(10×50)

	50	+	7	
10	500		70	500 250 70 + 35
+				<u>855</u>
5	250		35	

		3		
			5	7
	x	1	5	
1	2	8	5	
	5	7	0	
	8	5	5	

1		4	7	2		5	4	3		7	2	4		6	3	
		x	2	4			x	7		x	3	2		x	2	1
5		3	9	6		4	8	7		2	7	8		3	6	
		x	1	4		x	4	4		x	1	7		x	8	
9		5	5	10		5	5	11		8	1	9		9	6	
		x	3			x	5	1		x	6	4		x	3	1
13		8	1	14		7	3	15		8	1	16		9	1	
		x	4	4		x	5	4		x	5			x	8	2
17	8	1	4					18	3	4	2	1				
	x	2	3	5					x		6	7				

Answer Key

Multi - Digit Multiplication Practice K

(1) 1,128

(2) 378

(3) 2,304

(4) 1,323

(5) 546

(6) 2,112

(7) 459

(8) 288

(9) 165

(10) 2,805

(11) 52,416

(12) 2,976

(13) 3,564

(14) 3,942

(15) 405

(16) 7,462

(17) 191,290

(18) 229,207

Name : _____

Multi - Digit Multiplication Quiz #2

[illegible]

Answer Key

Multi - Digit Multiplication Quiz #2

1		3	1		2		5	1		3		8	4		4		5	5		
		x	1	4			x	1	7			x	3	2			x	1	3	
		1	2	4			3	5	7			1	6	8			1	6	5	
		3	1	0			5	1	0			2	5	2	0		5	5	0	
		4	3	4			8	6	7			2	6	8	8		7	1	5	
5			6	8		6		4	4		7		9	6		8		3	1	
		x	1	1			x	3	4			x	4	2			x	1	4	
			6	8			1	7	6			1	9	2			1	2	4	
		6	8	0			1	3	2	0		3	8	4	0		3	1	0	
		7	4	8			1	4	9	6		4	0	3	2		4	3	4	
9			9	9		10		5	1		11		6	5		12		7	9	
		x	2	7			x	1	7			x	2	6			x	6	2	
		6	9	3			3	5	7			3	9	0			1	5	8	
	1	9	8	0			5	1	0			1	3	0	0		4	7	4	0
	2	6	7	3			8	6	7			1	6	9	0		4	8	9	8
13			8	5		14		9	2		15		7	7		16		5	4	
		x	3	7			x	2	9			x	3	6			x	4	7	
		5	9	5			8	2	8			4	6	2			3	7	8	
	2	5	5	0			1	8	4	0		2	3	1	0		2	1	6	0
	3	1	4	5			2	6	6	8		2	7	7	2		2	5	3	8

Challenge Questions (if time) :

13		2	8	4			14	9	8	4	6			15	6	6	2	8		
		x	1	6	3				x		3	5				x	8	4	3	
			8	5	2			4	9	2	3	0			1	9	8	8	4	
	1	7	0	4	0			2	9	5	3	8	0		2	6	5	1	2	0
	2	8	4	0	0			3	4	4	6	1	0		5	3	0	2	4	0
	4	6	2	9	2										5	5	8	7	4	0

Answer Key

Multi - Digit Multiplication Unit Test

1		7	8		2		5	4		3		6	6		4		9	7				
		x	4	1			x	3	2			x	5	1			x	5	9			
			7	8			1	0	8				6	6			1	8	7	3		
	3	1	2	0			1	6	2	0		3	3	0	0		4	8	5	0		
	3	1	9	8			1	7	2	8		3	3	6	6		5	7	2	3		
5			1	8		6			8	3		7			6	4		8		9	4	5
			x	7				x	8	2				x	8			x	6	1		
		1	2	6				1	6	6			5	1	2				9	4	5	
							6	6	4	0							5	6	7	0	0	
							6	8	0	6							5	7	6	4	5	
9			7	6		10			8	7		11		4	5	7		12			9	1
		x	6	2					x	3				x	3	6			x	6	5	
		1	5	2			2	6	1				2	7	4	2			4	5	5	
	4	5	6	0								1	3	7	1	0			5	4	6	0
	4	7	1	2								1	6	4	5	2			5	9	1	5
13			4	5		14			7	1		15			7	6		16			9	7
			x	5				x	3	1				x	6	2			x	9	4	
		2	2	5					7	1				1	5	2				3	8	8
							2	1	3	0			4	5	6	0			8	7	3	0
							2	2	0	1			4	7	1	2			9	1	1	8

Challenge Questions (if time) :

17			8	0	6	1				18					5	3	2	4	5				
			x	7	4	9									x	5	9	8	1				
				7	2	5	4	9								5	3	2	4	5			
+	3	2	2	4	4	0							4	2	5	9	6	0	0				
5	6	4	2	7	0	0							+	4	7	9	2	0	5	0	0		
															2	6	6	2	2	5	0	0	0

Name : _____

Multi - Digit Multiplication Unit Test

[illegible]

Challenge Questions (if time) :

20	Create and solve your own multi-digit multiplication questions (if time) :
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Multi - Digit Multiplication Practice M

Example:

Triangle method

	5	7				5	0	+	7	
x	1	5				x	1	0	+	5
									3	5 (5×7)
								2	5	0 (5×50)
									7	0 (10×7)
							+	5	0	0 (10×50)
								8	5	5

Area method

	50	+	7	
10	500		70	500 250 70 + 35 855
+				
5	250		35	

Traditional method

		3		
			5	7
	x	1	5	
1	2	8	5	
	5	7	0	
	8	5	5	

1		6	2		2		4	7		3		3	6		4		4	6			
		x	1	2				x	9			x	3	2			x	2	7		
5		2	7	8		6		8	3		7		5	6		8		9	1		
		x	8	8				x	4	2			x	4	2			x	7		
9			9	4		10		5	0	4		11		7	3		12		7	9	8
		x	4	3				x	2	2			x	2	8			x	2	5	
13			2	9		14			9	5		15		2	4		16			5	4
			x	9					x	1	2			x	1	9			x	1	2
17			4	6	2	1						18		7	8	4	3	5			
			x		5	6								x			2	4			

Answer Key

Multi - Digit Multiplication Practice M

(1) 744

(2) 423

(3) 1,152

(4) 1,242

(5) 24,464

(6) 3,486

(7) 2,352

(8) 637

(9) 4,042

(10) 11,088

(11) 2,044

(12) 19,950

(13) 261

(14) 1,140

(15) 456

(16) 648

(17) 258,776

(18) 1,882,440

Multi - Digit Multiplication Practice N

Triangle method

Area method

Traditional method

		3		
			5	7
	x	1	5	
1	2	8	5	
	5	7	0	
	8	5	5	

1		5	1	2		7	8	3		9	1	4		5	9		
		x	1	5		x	2	4		x	8	9		x	3	9	
5		7	6	6		3	3	3	7		3	5	8		7	1	
		x	1	8		x	8	6			x	6		x	7	3	
9		8	2	10		8	5	11		5	7	12		6	0	2	
		x	3			x	6	4		x	1	6		x	1	4	
13		5	3	14		7	7	15		9	6	5	16		8	1	
		x	4	8		x	4			x	2	0	3		x	1	3
17		9	3	7	2			18		4	1	3	5	9			
		x		3	6					x		5	9	4			

Answer Key

Multi - Digit Multiplication Practice N

(1) 765

(2) 1,872

(3) 8,099

(4) 2,301

(5) 1,368

(6) 28,638

(7) 210

(8) 5,183

(9) 246

(10) 5,440

(11) 912

(12) 8,428

(13) 2,544

(14) 308

(15) 195,895

(16) 1,053

(17) 337,392

(18) 24,567,246

Answer Key

Multi - Digit Multiplication Practice N

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

(9)

(10)

(11)

(12)

(13)

(14)

(15)

(16)

(17)

(18)

(19)

(20)

Name : _____

Multi - Digit Multiplication Practice AA

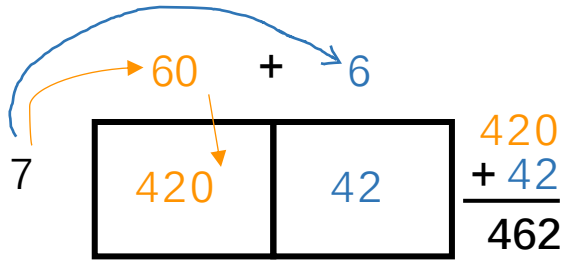
Example:

Triangle method

Area method

Traditional method

6	6				6	0	+	6
x	7				x			7=
							4	2
					+	4	2	0
						4	6	2



	2	
	6	6
	x	7
4	6	2

[illegible]

Answer Key

Multi - Digit Multiplication Practice AA

(1) 144	(2) 248	(3) 292	(4) 855	(5) 585
(6) 120	(7) 612	(8) 208	(9) 415	(10) 213
(11) 256	(12) 392	(13) 130	(14) 207	(15) 198
(16) 513	(17) 570	(18) 312	(19) 280	(20) 102
(21) 1162	(22) 6045	(23) 1992	(24) 2695	(25) 2135

Answer Key

Multi - Digit Multiplication Practice AA

(1) 144	(2) 248	(3) 292	(4) 855	(5) 585
(6) 120	(7) 612	(8) 208	(9) 415	(10) 213
(11) 256	(12) 392	(13) 130	(14) 207	(15) 198
(16) 513	(17) 570	(18) 312	(19) 280	(20) 102
(21) 1162	(22) 6045	(23) 1992	(24) 2695	(25) 2135

Multi - Digit Multiplication Practice BB

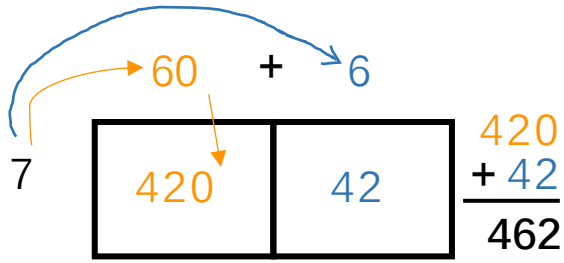
Example:

Triangle method

Area method

Traditional method

6	6				6	0	+	6
x	7				x			7=
							4	2
					+	4	2	0
						4	6	2



	2	
	6	6
	x	7
4	6	2

[illegible]

Answer Key

Multi - Digit Multiplication Practice BB

(1) 128	(2) 279	(3) 84	(4) 444	(5) 228
(6) 470	(7) 704	(8) 364	(9) 405	(10) 189
(11) 572	(12) 405	(13) 414	(14) 468	(15) 644
(16) 184	(17) 1675	(18) 333	(19) 280	(20) 354
(21) 1484	(22) 2812	(23) 3249	(24) 2520	(25) 1950

Answer Key

Multi - Digit Multiplication Practice BB

(1) 128	(2) 279	(3) 84	(4) 444	(5) 228
(6) 470	(7) 704	(8) 364	(9) 405	(10) 189
(11) 572	(12) 405	(13) 414	(14) 468	(15) 644
(16) 184	(17) 1675	(18) 333	(19) 280	(20) 354
(21) 1484	(22) 2812	(23) 3249	(24) 2520	(25) 1950

Multi - Digit Multiplication Practice CC

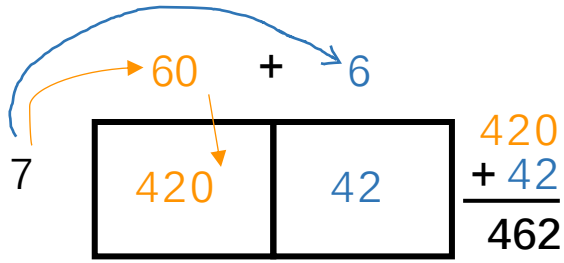
Example:

Triangle method

Area method

Traditional method

6	6				6	0	+	6
x	7				x			7=
							4	2
					+	4	2	0
						4	6	2



	2	
	6	6
	x	7
4	6	2

1	5	7			2	3	5			3	9	9			4	9	2			5	7	9	
	x	5				x	3				x	3				x	7				x	7	
6	2	8			7	1	9			8	2	3			9	7	4			10	5	3	
	x	4				x	4				x	7				x	5				x	8	
11	6	2			12	3	7			13	3	5			14	5	9			15	6	2	
	X	6				X	9				X	8				X	6				X	5	
16	3	6			17	9	7			18	4	0			19	2	3			20	6	3	
	X	9				X	5	7			X	3	2			X	4	5			X	4	1
21	4	4			22	1	9			23	9	4			24	5	2			25	8	3	
X	4	8				X	8	7			X	7	4			X	9	7			X	5	8

Answer Key

Multi - Digit Multiplication Practice CC

(1) 285	(2) 105	(3) 297	(4) 644	(5) 553
(6) 112	(7) 76	(8) 161	(9) 370	(10) 424
(11) 372	(12) 333	(13) 280	(14) 354	(15) 310
(16) 324	(17) 5529	(18) 1280	(19) 1035	(20) 2583
(21) 2112	(22) 1653	(23) 6956	(24) 5044	(25) 4814

Answer Key

Multi - Digit Multiplication Practice CC

(1) 285	(2) 105	(3) 297	(4) 644	(5) 553
(6) 112	(7) 76	(8) 161	(9) 370	(10) 424
(11) 372	(12) 333	(13) 280	(14) 354	(15) 310
(16) 324	(17) 5529	(18) 1280	(19) 1035	(20) 2583
(21) 2112	(22) 1653	(23) 6956	(24) 5044	(25) 4814

Multi - Digit Multiplication Practice DD

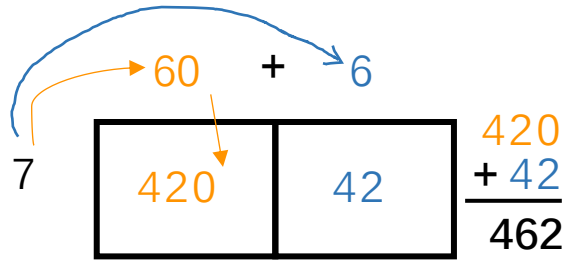
Example:

Triangle method

Area method

Traditional method

6	6				6	0	+	6
x	7				x			7=
							4	2
					+	4	2	0
						4	6	2



	2	
	6	6
	x	7
4	6	2

[illegible]

Answer Key

Multi - Digit Multiplication Practice DD

(1) 534	(2) 237	(3) 408	(4) 170	(5) 333
(6) 576	(7) 76	(8) 161	(9) 370	(10) 424
(11) 372	(12) 222	(13) 540	(14) 288	(15) 336
(16) 237	(17) 987	(18) 8415	(19) 1495	(20) 1701
(21) 2279	(22) 1408	(23) 989	(24) 1312	(25) 3380

Answer Key

Multi - Digit Multiplication Practice DD

(1) 534	(2) 237	(3) 408	(4) 170	(5) 333
(6) 576	(7) 76	(8) 161	(9) 370	(10) 424
(11) 372	(12) 222	(13) 540	(14) 288	(15) 336
(16) 237	(17) 987	(18) 8415	(19) 1495	(20) 1701
(21) 2279	(22) 1408	(23) 989	(24) 1312	(25) 3380

Multi - Digit Multiplication Practice EE

Example:

Triangle method

[illegible]

(5 x 7)

(5 x 50)

(10 x 7)

(10 x 50)

Area method

$$50 + 7$$

10	500	70
+		
5	250	35

10

+

5

$$\begin{array}{r} 500 \\ 250 \\ 70 \\ + 35 \\ \hline 855 \end{array}$$

Traditional method

		3		
			5	7
	x	1	5	
1	2	8	5	
	5	7	0	
	8	5	5	

1	9	4
x	2	
2	8	8
x	4	
3	6	0
x	7	
4	3	8
x	7	
5	6	8
x	7	
6	2	4
x	6	
7	8	1
x	9	
8	9	4
x	7	
9	9	6
x	5	
10	9	2
x	5	
11	1	8
X	3	5
12	9	7
X	2	2
13	2	9
X	1	3
14	3	4
X	3	6
15	3	9
X	2	8
16	5	5
X	4	6
17	8	0
X	5	7
18	8	6
X	3	3
19	7	9
X	4	3
20	3	3
X	5	6
21	3	0
X	8	3
22	6	4
X	8	5
23	4	4
X	4	4
24	8	3
X	7	7
25	4	2
X	5	7

Answer Key

Multi - Digit Multiplication Practice EE

(1) 188	(2) 264	(3) 420	(4) 266	(5) 476
(6) 144	(7) 729	(8) 658	(9) 480	(10) 460
(11) 630	(12) 2134	(13) 377	(14) 1224	(15) 1092
(16) 2530	(17) 4560	(18) 2838	(19) 3397	(20) 1848
(21) 2490	(22) 5440	(23) 1936	(24) 6391	(25) 2394

Answer Key

Multi - Digit Multiplication Practice EE

(1) 188	(2) 264	(3) 420	(4) 266	(5) 476
(6) 144	(7) 729	(8) 658	(9) 480	(10) 460
(11) 630	(12) 2134	(13) 377	(14) 1224	(15) 1092
(16) 2530	(17) 4560	(18) 2838	(19) 3397	(20) 1848

Multi - Digit Multiplication Practice FF

Example:

Triangle method

[illegible]

(5 x 7)

(5 x 50)

(10 x 7)

(10 x 50)

Area method

$$50 + 7$$

10	500	70
+		
5	250	35

$$\begin{array}{r} 500 \\ 250 \\ 70 \\ + 35 \\ \hline 855 \end{array}$$

Traditional method

		3		
			5	7
	x	1	5	
1	2	8	5	
	5	7	0	
	8	5	5	

1	2	4			2	4	1			3	3	6			4	8	6			5	4	3
	x	7				x	5				x	4				x	2				x	8
6	3	6			7	8	2			8	1	9			9	6	5			10	4	5
	x	3				x	7				x	5				x	3				x	9
11	8	7			12	7	1			13	3	2			14	5	5			15	3	0
X	4	2			X	7	2			X	9	5			X	8	5			X	6	0
16	6	3			17	3	4			18	1	5			19	3	2			20	8	8
X	2	4			X	3	6			X	1	3			X	4	6			X	2	1
21	1	4			22	7	5			23	8	2			24	2	7			25	3	8
X	6	6			X	2	2			X	3	3			X	5	8			X	5	2

Answer Key

Multi - Digit Multiplication Practice FF

(1) 168	(2) 205	(3) 144	(4) 172	(5) 344
(6) 108	(7) 574	(8) 95	(9) 195	(10) 405
(11) 3654	(12) 5112	(13) 3040	(14) 4675	(15) 1800
(16) 1512	(17) 1224	(18) 195	(19) 1472	(20) 1848
(21) 924	(22) 1650	(23) 2805	(24) 1566	(25) 1976

Answer Key

Multi - Digit Multiplication Practice FF

(1) 168	(2) 205	(3) 144	(4) 172	(5) 344
(6) 108	(7) 574	(8) 95	(9) 195	(10) 405
(11) 3654	(12) 5112	(13) 3040	(14) 4675	(15) 1800
(16) 1512	(17) 1224	(18) 195	(19) 1472	(20) 1848
(21) 924	(22) 1650	(23) 2805	(24) 1566	(25) 1976

Name : _____

LC : _____

Mild Multi - Digit Multiplication Quiz #1

4	5
x	7

4	8
x	5

2	2
x	4

8	6
X	5

1	8
x	8

9	5
x	7

7	6
x	3

6	1
x	3

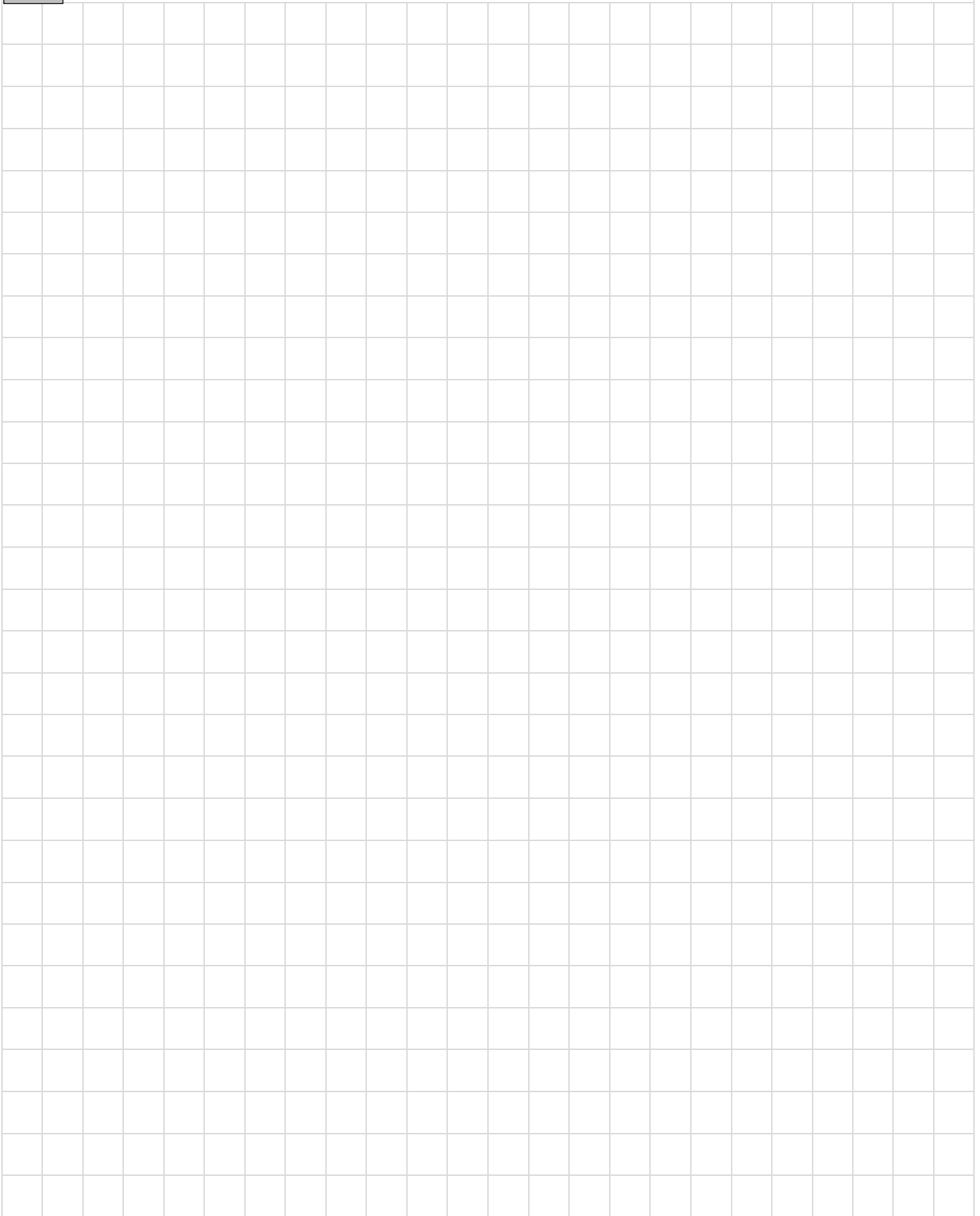
8	1
x	7

4	7
x	2

3	6
x	7

7	5
x	3

Create and solve your own multi-digit multiplication questions (if time) :



Name : _____

Medium Multi - Digit Multiplication Unit Test

LC : _____

[illegible]

Challenge Questions (if time) :

13

641

x49

14

275

x81

15

Create and solve your own multi-digit multiplication questions (if time) :

Name : _____

LC : _____

Spicey Multi - Digit Multiplication Unit Test

[illegible]

Challenge Questions (if time) :

11

$$\begin{array}{r} 632854379 \\ \times \quad \quad \quad 42382 \\ \hline \end{array}$$

12

Create and solve your own multi-digit multiplication questions (if time) :