

Long Division with a Grid (A)

Name: _____

Date: _____

Calculate each quotient.

6	5	)	7	5	5	7	8	4
			-					
				-				
					-			
						-		
							-	

1	7	)	3	6	8	7	8	3
			-					
				-				
					-			
						-		
							-	

1	8	)	4	2	7	7	2	1
			-					
				-				
					-			
						-		
							-	

2	4	)	2	7	5	0	3	4
			-					
				-				
					-			
						-		
							-	

1	6	)	6	0	6	4	4	3
			-					
				-				
					-			
						-		
							-	

2	1	)	6	5	7	2	2	2
			-					
				-				
					-			
						-		
							-	

Long Division with a Grid (A) Answers

Name: _____

Date: _____

Calculate each quotient.

			1	1	6	2	7	
6	5	)	7	5	5	7	8	4
			-	6	5			
			1	0	5			
			-	6	5			
			4	0	7			
			-	3	9	0		
				1	7	8		
				-	1	3	0	
					4	8	4	
					-	4	5	5
						2	9	

			2	1	6	9	3		
1	7	)	3	6	8	7	8	3
			-	3	4				
				2	8				
				-	1	7			
				1	1	7			
				-	1	0	2		
					1	5	8		
					-	1	5	3	
							5	3	
							-	5	1
								2	

			2	3	7	6	2		
1	8	)	4	2	7	7	2	1
			-	3	6				
				6	7				
				-	5	4			
				1	3	7			
				-	1	2	6		
					1	1	2		
					-	1	0	8	
							4	1	
							-	3	6
								5	

			1	1	4	5	9		
2	4	)	2	7	5	0	3	4
			-	2	4				
				3	5				
				-	2	4			
				1	1	0			
				-	9	6			
					1	4	3		
					-	1	2	0	
						2	3	4	
						-	2	1	6
							1	8	

			3	7	9	0	2		
1	6	)	6	0	6	4	4	3
			-	4	8				
				1	2	6			
				-	1	1	2		
					1	4	4		
					-	1	4	4	
							0	4	3
							-	3	2
								1	1

			3	1	2	9	6				
2	1	)	6	5	7	2	2	2		
			-	6	3						
				2	7						
				-	2	1					
					6	2					
					-	4	2				
						2	0	2			
						-	1	8	9		
								1	3	2	
								-	1	2	6
									6		

Long Division with a Grid (B)

Name: _____

Date: _____

Calculate each quotient.

$$\begin{array}{r} 33 \overline{) 570782} \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \end{array}$$

$$\begin{array}{r} 53 \overline{) 675207} \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \end{array}$$

$$\begin{array}{r} 44 \overline{) 568846} \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \end{array}$$

$$\begin{array}{r} 24 \overline{) 635031} \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \end{array}$$

$$\begin{array}{r} 52 \overline{) 147773} \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \end{array}$$

$$\begin{array}{r} 37 \overline{) 413027} \\ \underline{-} \\ \\ \underline{-} \\ \\ \underline{-} \end{array}$$

Long Division with a Grid (B) Answers

Name: _____

Date: _____

Calculate each quotient.

				1	7	2	9	6	
3	3	)	5	7	0	7	8	2	
			-	3	3				
				2	4	0			
			-	2	3	1			
					9	7			
				-	6	6			
					3	1	8		
				-	2	9	7		
						2	1	2	
				-	1	9	8		
								1	4

				1	2	7	3	9		
5	3	)	6	7	5	2	0	7	
			-	5	3					
				1	4	5				
			-	1	0	6				
					3	9	2			
				-	3	7	1			
						2	1	0		
				-	1	5	9			
							5	1	7	
				-	4	7	7			
									4	0

				1	2	9	2	8		
4	4	)	5	6	8	8	4	6	
			-	4	4					
				1	2	8				
			-	8	8					
					4	0	8			
				-	3	9	6			
						1	2	4		
				-	8	8				
							3	6	6	
				-	3	5	2			
									1	4

				2	6	4	5	9		
2	4	)	6	3	5	0	3	1	
			-	4	8					
				1	5	5				
			-	1	4	4				
					1	1	0			
				-	9	6				
						1	4	3		
				-	1	2	0			
							2	3	1	
				-	2	1	6			
									1	5

				2	8	4	1			
5	2	)	1	4	7	7	7	3	
			-	1	0	4				
					4	3	7			
			-	4	1	6				
						2	1	7		
				-	2	0	8			
							9	3		
				-	5	2				
									4	1

				1	1	1	6	2			
3	7	)	4	1	3	0	2	7		
			-	3	7						
					4	3					
			-	3	7						
						6	0				
				-	3	7					
							2	3	2		
				-	2	2	2				
								1	0	7	
				-	7	4					
										3	3

Long Division with a Grid (C)

Name: _____

Date: _____

Calculate each quotient.

$$\begin{array}{r} 38 \overline{) 654053} \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \end{array}$$

$$\begin{array}{r} 72 \overline{) 854526} \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \end{array}$$

$$\begin{array}{r} 43 \overline{) 638642} \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \end{array}$$

$$\begin{array}{r} 28 \overline{) 513185} \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \end{array}$$

$$\begin{array}{r} 57 \overline{) 847704} \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \end{array}$$

$$\begin{array}{r} 44 \overline{) 208525} \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 00 \end{array}$$

Long Division with a Grid (C) Answers

Name: _____

Date: _____

Calculate each quotient.

			1	7	2	1	1		
3	8	)	6	5	4	0	5	3
			-	3	8				
			2	7	4				
			-	2	6	6			
					8	0			
					-	7	6		
						4	5		
						-	3	8	
							7	3	
							-	3	8
								3	5

			1	1	8	6	8				
7	2	)	8	5	4	5	2	6		
			-	7	2						
			1	3	4						
					-	7	2				
					6	2	5				
						-	5	7	6		
							4	9	2		
							-	4	3	2	
								6	0	6	
								-	5	7	6
									3	0	

			1	4	8	5	2				
4	3	)	6	3	8	6	4	2		
			-	4	3						
			2	0	8						
					-	1	7	2			
						3	6	6			
						-	3	4	4		
							2	2	4		
							-	2	1	5	
									9	2	
									-	8	6
										6	

			1	8	3	2	8			
2	8	)	5	1	3	1	8	5	
			-	2	8					
			2	3	3					
					-	2	2	4		
						9	1			
						-	8	4		
							7	8		
							-	5	6	
							2	2	5	
							-	2	2	4
									1	

			1	4	8	7	2					
5	7	)	8	4	7	7	0	4			
			-	5	7							
			2	7	7							
					-	2	2	8				
						4	9	7				
							-	4	5	6		
							4	1	0			
								-	3	9	9	
									1	1	4	
									-	1	1	4
										0		

			4	7	3	9						
4	4	)	2	0	8	5	2	5			
			-	1	7	6						
					3	2	5					
						-	3	0	8			
							1	7	2			
								-	1	3	2	
									4	0	5	
									-	3	9	6
											9	

Long Division with a Grid (D)

Name: _____

Date: _____

Calculate each quotient.

3	2	)	7	3	4	5	4	4	
			-						
				-					
					-				
						-			
							-		
								-	

7	5	)	8	4	5	0	8	2	
			-						
				-					
					-				
						-			
							-		
								-	

1	8	)	7	5	0	1	7	3	
			-						
				-					
					-				
						-			
							-		
								-	

1	3	)	7	6	2	4	8	2	
			-						
				-					
					-				
						-			
							-		
								-	

5	8	)	7	8	5	4	5	6	
			-						
				-					
					-				
						-			
							-		
								-	

8	4	)	8	1	6	6	3	6	
			-						
				-					
					-				
						-			
							-		
								-	

Long Division with a Grid (D) Answers

Name: _____

Date: _____

Calculate each quotient.

			2	2	9	5	4			
3	2	)	7	3	4	5	4	4	
			-	6	4					
				9	4					
				-	6	4				
					3	0	5			
					-	2	8	8		
						1	7	4		
						-	1	6	0	
							1	4	4	
							-	1	2	8
								1	6	

			1	1	2	6	7			
7	5	)	8	4	5	0	8	2	
			-	7	5					
				9	5					
				-	7	5				
					2	0	0			
					-	1	5	0		
						5	0	8		
						-	4	5	0	
							5	8	2	
							-	5	2	5
								5	7	

			4	1	6	7	6			
1	8	)	7	5	0	1	7	3	
			-	7	2					
				3	0					
				-	1	8				
					1	2	1			
					-	1	0	8		
						1	3	7		
						-	1	2	6	
							1	1	3	
							-	1	0	8
								5		

			5	8	6	5	2			
1	3	)	7	6	2	4	8	2	
			-	6	5					
				1	1	2				
				-	1	0	4			
					8	4				
					-	7	8			
						6	8			
						-	6	5		
							3	2		
							-	2	6	
								6		

			1	3	5	4	2			
5	8	)	7	8	5	4	5	6	
			-	5	8					
				2	0	5				
				-	1	7	4			
					3	1	4			
					-	2	9	0		
						2	4	5		
						-	2	3	2	
							1	3	6	
							-	1	1	6
								2	0	

			9	7	2	1				
8	4	)	8	1	6	6	3	6	
			-	7	5	6				
				6	0	6				
				-	5	8	8			
					1	8	3			
					-	1	6	8		
						1	5	6		
							-	8	4	
								7	2	

Long Division with a Grid (E)

Name: _____

Date: _____

Calculate each quotient.

2	1	)	3	6	1	7	0	4
			-					

			-					

			-					

			-					

			-					

5	4	)	8	5	7	6	0	2
			-					

			-					

			-					

			-					

			-					

7	4	)	7	4	1	1	0	7
			-					

			-					

			-					

			-					

			-					

1	6	)	4	6	8	7	3	1
			-					

			-					

			-					

			-					

			-					

5	1	)	7	3	2	5	7	4
			-					

			-					

			-					

			-					

			-					

3	5	)	8	1	0	7	6	4
			-					

			-					

			-					

			-					

			-					

Long Division with a Grid (E) Answers

Name: _____

Date: _____

Calculate each quotient.

					1	7	2	2	4
2	1	)	3	6	1	7	0	4	
			-	2	1				
				1	5	1			
			-	1	4	7			
					4	7			
					-	4	2		
						5	0		
						-	4	2	
							8	4	
							-	8	4
								0	

					1	5	8	8	1	
5	4	)	8	5	7	6	0	2	
			-	5	4					
				3	1	7				
			-	2	7	0				
					4	7	6			
					-	4	3	2		
						4	4	0		
						-	4	3	2	
								8	2	
								-	5	4
									2	8

					1	0	0	1	4
7	4	)	7	4	1	1	0	7	
			-	7	4				
				0	1	1	0		
					-	7	4		
						3	6	7	
						-	2	9	6
								7	1

					2	9	2	9	5	
1	6	)	4	6	8	7	3	1	
			-	3	2					
				1	4	8				
			-	1	4	4				
					4	7				
					-	3	2			
						1	5	3		
						-	1	4	4	
								9	1	
								-	8	0
									1	1

					1	4	3	6	4		
5	1	)	7	3	2	5	7	4		
			-	5	1						
				2	2	2					
			-	2	0	4					
					1	8	5				
					-	1	5	3			
						3	2	7			
						-	3	0	6		
								2	1	4	
								-	2	0	4
										1	0

					2	3	1	6	4		
3	5	)	8	1	0	7	6	4		
			-	7	0						
				1	1	0					
			-	1	0	5					
					5	7					
					-	3	5				
						2	2	6			
						-	2	1	0		
								1	6	4	
								-	1	4	0
										2	4

Long Division with a Grid (F)

Name: _____

Date: _____

Calculate each quotient.

7	6	)	7	4	0	2	0	6
			-					
				-				
					-			
						-		

6	3	)	1	2	2	5	3	4
			-					
				-				
					-			
						-		

6	4	)	7	8	0	3	5	3
			-					
				-				
					-			
						-		

2	4	)	6	3	8	2	3	7
			-					
				-				
					-			
						-		

5	7	)	8	4	7	3	2	4
			-					
				-				
					-			
						-		

2	4	)	3	5	2	2	2	7
			-					
				-				
					-			
						-		

Long Division with a Grid (F) Answers

Name: _____

Date: _____

Calculate each quotient.

				9	7	3	9	
7	6	)	7	4	0	2	0	6
			-	6	8	4		
				5	6	2		
			-	5	3	2		
				3	0	0		
			-	2	2	8		
				7	2	6		
			-	6	8	4		
							4	2

				1	9	4	4	
6	3	)	1	2	2	5	3	4
			-	6	3			
				5	9	5		
			-	5	6	7		
				2	8	3		
			-	2	5	2		
				3	1	4		
			-	2	5	2		
							6	2

				1	2	1	9	3		
6	4	)	7	8	0	3	5	3	
			-	6	4					
				1	4	0				
			-	1	2	8				
				1	2	3				
			-	6	4					
				5	9	5				
			-	5	7	6				
							1	9	3	
							-	1	9	2
										1

				2	6	5	9	3
2	4	)	6	3	8	2	3	7
			-	4	8			
				1	5	8		
			-	1	4	4		
				1	4	2		
			-	1	2	0		
				2	2	3		
			-	2	1	6		
							7	7
			-	7	2			
								5

				1	4	8	6	5
5	7	)	8	4	7	3	2	4
			-	5	7			
				2	7	7		
			-	2	2	8		
				4	9	3		
			-	4	5	6		
				3	7	2		
			-	3	4	2		
				3	0	4		
			-	2	8	5		
							1	9

				1	4	6	7	6	
2	4	)	3	5	2	2	2	7
			-	2	4				
				1	1	2			
			-	9	6				
				1	6	2			
			-	1	4	4			
				1	8	2			
			-	1	6	8			
							1	4	7
			-	1	4	4			
									3

Long Division with a Grid (G)

Name: _____

Date: _____

Calculate each quotient.

2	6	)	4	6	5	2	1	2
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							

5	6	)	1	4	5	7	7	7
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							

2	7	)	5	2	1	4	8	5
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							

3	4	)	8	4	7	4	8	2
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							

5	4	)	7	3	0	4	6	3
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							

2	7	)	3	6	0	1	7	5
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							
	-							

Long Division with a Grid (G) Answers

Name: _____

Date: _____

Calculate each quotient.

			1	7	8	9	2	
2	6	)	4	6	5	2	1	2
			-	2	6			
				2	0	5		
			-	1	8	2		
				2	3	2		
			-	2	0	8		
				2	4	1		
			-	2	3	4		
						7	2	
						-	5	2
							2	0

			2	6	0	3			
5	6	)	1	4	5	7	7	7
			-	1	1	2			
				3	3	7			
			-	3	3	6			
						1	7	7	
						-	1	6	8
								9	

			1	9	3	1	4		
2	7	)	5	2	1	4	8	5
			-	2	7				
				2	5	1			
			-	2	4	3			
						8	4		
						-	8	1	
							3	8	
						-	2	7	
							1	1	5
						-	1	0	8
								7	

			2	4	9	2	5		
3	4	)	8	4	7	4	8	2
			-	6	8				
				1	6	7			
			-	1	3	6			
				3	1	4			
			-	3	0	6			
						8	8		
						-	6	8	
						2	0	2	
						-	1	7	0
								3	2

			1	3	5	2	7		
5	4	)	7	3	0	4	6	3
			-	5	4				
				1	9	0			
			-	1	6	2			
				2	8	4			
			-	2	7	0			
						1	4	6	
						-	1	0	8
							3	8	3
						-	3	7	8
								5	

			1	3	3	3	9		
2	7	)	3	6	0	1	7	5
			-	2	7				
				9	0				
				-	8	1			
						9	1		
						-	8	1	
							1	0	7
						-	8	1	
							2	6	5
						-	2	4	3
								2	2

Long Division with a Grid (H)

Name: _____

Date: _____

Calculate each quotient.

3	2	)	4	6	1	3	5	8
	-							
	-							
	-							
			-					
			-					

4	7	)	7	1	3	8	2	1
	-							
	-							
			-					
			-					

4	2	)	4	8	7	1	0	1
	-							
	-							
			-					
			-					

2	3	)	6	1	6	0	8	3
	-							
	-							
			-					
			-					

6	4	)	7	6	0	4	8	1
	-							
	-							
			-					
			-					

1	1	)	5	6	1	8	4	8
	-							
	-							
			-					
			-					

Long Division with a Grid (H) Answers

Name: _____

Date: _____

Calculate each quotient.

			1	4	4	1	7			
3	2	)	4	6	1	3	5	8	
			-	3	2					
			1	4	1					
			-	1	2	8				
				1	3	3				
			-	1	2	8				
						5	5			
						-	3	2		
							2	3	8	
						-	2	2	4	
									1	4

			1	5	1	8	7				
4	7	)	7	1	3	8	2	1		
			-	4	7						
				2	4	3					
			-	2	3	5					
						8	8				
						-	4	7			
							4	1	2		
						-	3	7	6		
								3	6	1	
						-	3	2	9		
										3	2

			1	1	5	9	7					
4	2	)	4	8	7	1	0	1			
			-	4	2							
					6	7						
					-	4	2					
						2	5	1				
						-	2	1	0			
							4	1	0			
						-	3	7	8			
								3	2	1		
						-	2	9	4			
											2	7

			2	6	7	8	6			
2	3	)	6	1	6	0	8	3	
			-	4	6					
				1	5	6				
			-	1	3	8				
					1	8	0			
					-	1	6	1		
						1	9	8		
					-	1	8	4		
							1	4	3	
					-	1	3	8		
										5

			1	1	8	8	2					
6	4	)	7	6	0	4	8	1			
			-	6	4							
				1	2	0						
					-	6	4					
						5	6	4				
					-	5	1	2				
							5	2	8			
					-	5	1	2				
								1	6	1		
					-	1	2	8				
											3	3

			5	1	0	7	7				
1	1	)	5	6	1	8	4	8		
			-	5	5						
					1	1					
					-	1	1				
						0	8	4			
						-	7	7			
								7	8		
						-	7	7			
											1

Long Division with a Grid (I)

Name: _____

Date: _____

Calculate each quotient.

3	3	)	4	5	2	7	0	6	
	-								
	-								
	-								

7	6	)	6	0	4	8	1	1	
	-								
	-								

5	8	)	7	2	1	1	4	2	
	-								
	-								

5	2	)	6	5	2	3	5	7	
	-								
	-								

4	1	)	8	8	3	6	0	1	
	-								
	-								

1	6	)	5	0	3	3	2	4	
	-								
	-								

Long Division with a Grid (I) Answers

Name: _____

Date: _____

Calculate each quotient.

						1 3 7 1 8
3 3	)	4 5	2 7	0 6		
		- 3 3				
		1 2 2				
		- 9 9				
		2 3 7				
		- 2 3 1				
			6 0			
			- 3 3			
			2 7 6			
			- 2 6 4			
						1 2

						7 9 5 8
7 6	)	6 0	4 8	1 1		
		- 5 3 2				
			7 2 8			
			- 6 8 4			
			4 4 1			
			- 3 8 0			
				6 1 1		
				- 6 0 8		
						3

						1 2 4 3 3
5 8	)	7 2	1 1	4 2		
		- 5 8				
			1 4 1			
			- 1 1 6			
				2 5 1		
				- 2 3 2		
					1 9 4	
					- 1 7 4	
						2 0 2
						- 1 7 4
						2 8

						1 2 5 4 5
5 2	)	6 5	2 3	5 7		
		- 5 2				
			1 3 2			
			- 1 0 4			
				2 8 3		
				- 2 6 0		
					2 3 5	
					- 2 0 8	
						2 7 7
						- 2 6 0
						1 7

						2 1 5 5 1
4 1	)	8 8	3 6	0 1		
		- 8 2				
			6 3			
			- 4 1			
				2 2 6		
				- 2 0 5		
					2 1 0	
					- 2 0 5	
						5 1
						- 4 1
						1 0

						3 1 4 5 7
1 6	)	5 0	3 3	2 4		
		- 4 8				
			2 3			
			- 1 6			
				7 3		
				- 6 4		
					9 2	
					- 8 0	
						1 2 4
						- 1 1 2
						1 2

Long Division with a Grid (J)

Name: _____

Date: _____

Calculate each quotient.

5	5	)	7	2	5	6	4	3		
			-							
			-							
			-							
			-							
			-							

5	4	)	6	2	8	1	4	7		
			-							
			-							
			-							
			-							
			-							

1	6	)	2	3	3	4	7	5		
			-							
			-							
			-							
			-							
			-							

1	8	)	4	7	4	7	4	8		
			-							
			-							
			-							
			-							
			-							

1	4	)	2	6	4	8	4	1		
			-							
			-							
			-							
			-							
			-							

7	8	)	4	0	7	3	2	1		
			-							
			-							
			-							
			-							
			-							

Long Division with a Grid (J) Answers

Name: _____

Date: _____

Calculate each quotient.

				1	3	1	9	3		
5	5	)	7	2	5	6	4	3	
			-	5	5					
				1	7	5				
			-	1	6	5				
				1	0	6				
				-	5	5				
				5	1	4				
				-	4	9	5			
					1	9	3			
					-	1	6	5		
									2	8

				1	1	6	3	2		
5	4	)	6	2	8	1	4	7	
			-	5	4					
				8	8					
				-	5	4				
				3	4	1				
				-	3	2	4			
					1	7	4			
					-	1	6	2		
						1	2	7		
						-	1	0	8	
									1	9

				1	4	5	9	2			
1	6	)	2	3	3	4	7	5		
			-	1	6						
				7	3						
				-	6	4					
					9	4					
					-	8	0				
					1	4	7				
					-	1	4	4			
									3	5	
									-	3	2
											3

				2	6	3	7	4		
1	8	)	4	7	4	7	4	8	
			-	3	6					
				1	1	4				
			-	1	0	8				
				6	7					
				-	5	4				
				1	3	4				
				-	1	2	6			
						8	8			
						-	7	2		
									1	6

				1	8	9	1	7	
1	4	)	2	6	4	8	4	1	
			-	1	4				
				1	2	4			
				-	1	1	2		
				1	2	8			
					-	1	2	6	
						2	4		
						-	1	4	
						1	0	1	
							-	9	8
									3

				5	2	2	2		
7	8	)	4	0	7	3	2	1	
			-	3	9	0			
				1	7	3			
				-	1	5	6		
					1	7	2		
					-	1	5	6	
						1	6	1	
						-	1	5	6
									5