

Long Division with a Grid (A)

Name: _____

Date: _____

Calculate each quotient.

2	2)	8	1	7	6	9	6	

4	8)	5	4	0	0	9	6	

2	5)	6	6	6	0	5	0	

1	8)	2	1	2	0	2	2	

4	6)	5	7	6	5	6	4	

3	6)	7	5	8	5	9	2	

Long Division with a Grid (A) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

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

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

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

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

Long Division with a Grid (B)

Name: _____

Date: _____

Calculate each quotient.

$$\begin{array}{r} 27 \overline{) 411156} \\ \hline \end{array}$$

$$\begin{array}{r} 26 \overline{) 384202} \\ \hline \end{array}$$

$$\begin{array}{r} 14 \overline{) 576674} \\ \hline \end{array}$$

$$\begin{array}{r} 46 \overline{) 530012} \\ \hline \end{array}$$

$$\begin{array}{r} 65 \overline{) 843180} \\ \hline \end{array}$$

$$\begin{array}{r} 34 \overline{) 367098} \\ \hline \end{array}$$

Long Division with a Grid (B) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

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

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

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

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

Long Division with a Grid (C)

Name: _____

Date: _____

Calculate each quotient.

2	7)	3	5	7	2	9	1

3	8)	8	0	3	2	8	2

3	5)	8	4	6	6	1	5

1	1)	6	1	5	4	7	2

6	5)	7	6	4	5	9	5

5	7)	1	2	0	3	8	4

Long Division with a Grid (C) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

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

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

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

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

Long Division with a Grid (D)

Name: _____

Date: _____

Calculate each quotient.

1	1)	3	2	0	3	4	2

7	4)	4	1	1	5	1	4

8	5)	1	0	2	6	8	0

7	4)	8	8	4	1	5	2

1	7)	7	3	4	3	1	5

6	6)	4	4	9	9	8	8

Long Division with a Grid (D) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

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

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

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

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

Long Division with a Grid (E)

Name: _____

Date: _____

Calculate each quotient.

1	8)	6	2	2	2	0	6		

3	5)	5	1	4	1	1	5		

3	4)	4	4	0	3	6	8		

3	2)	8	2	0	8	3	2		

4	2)	5	2	2	3	1	2		

8	3)	7	0	7	0	7	7		

Long Division with a Grid (E) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

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

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

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

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

Long Division with a Grid (F)

Name: _____

Date: _____

Calculate each quotient.

3	6)	7	0	4	7	0	0

1	4)	8	2	1	8	2	8

5	5)	7	8	3	4	7	5

2	5)	4	8	6	3	5	0

4	3)	5	2	3	8	2	6

1	5)	1	3	3	9	9	5

Long Division with a Grid (F) Answers

Name: _____

Date: _____

Calculate each quotient.

$$\begin{array}{r} 19575 \\ 36 \overline{) 704700} \\ \underline{- 36} \\ 344 \\ \underline{- 324} \\ 207 \\ \underline{- 180} \\ 270 \\ \underline{- 252} \\ 180 \\ \underline{- 180} \\ 0 \end{array}$$

$$\begin{array}{r} 58702 \\ 14 \overline{) 821828} \\ \underline{- 70} \\ 121 \\ \underline{- 112} \\ 98 \\ \underline{- 98} \\ 028 \\ \underline{- 28} \\ 0 \end{array}$$

$$\begin{array}{r} 14245 \\ 55 \overline{) 783475} \\ \underline{- 55} \\ 233 \\ \underline{- 220} \\ 134 \\ \underline{- 110} \\ 247 \\ \underline{- 220} \\ 275 \\ \underline{- 275} \\ 0 \end{array}$$

$$\begin{array}{r} 19454 \\ 25 \overline{) 486350} \\ \underline{- 25} \\ 236 \\ \underline{- 225} \\ 113 \\ \underline{- 100} \\ 135 \\ \underline{- 125} \\ 100 \\ \underline{- 100} \\ 0 \end{array}$$

$$\begin{array}{r} 12182 \\ 43 \overline{) 523826} \\ \underline{- 43} \\ 93 \\ \underline{- 86} \\ 78 \\ \underline{- 43} \\ 352 \\ \underline{- 344} \\ 86 \\ \underline{- 86} \\ 0 \end{array}$$

$$\begin{array}{r} 8933 \\ 15 \overline{) 133995} \\ \underline{- 120} \\ 139 \\ \underline{- 135} \\ 49 \\ \underline{- 45} \\ 45 \\ \underline{- 45} \\ 0 \end{array}$$

Long Division with a Grid (G)

Name: _____

Date: _____

Calculate each quotient.

3	6)	5	5	7	2	4	4

8	7)	6	4	4	5	8	3

6	7)	3	7	0	2	4	2

4	7)	4	6	6	3	3	4

3	5)	3	6	8	1	3	0

2	4)	6	8	8	1	5	2

Long Division with a Grid (G) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

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

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

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

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

Long Division with a Grid (H)

Name: _____

Date: _____

Calculate each quotient.

7	6)	8	6	2	8	2	8

1	2)	4	1	7	7	6	8

2	3)	8	8	6	7	1	9

1	4)	2	4	2	5	5	0

5	3)	6	3	2	1	3	1

2	6)	6	2	4	1	0	4

Long Division with a Grid (H) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

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

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

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

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

Long Division with a Grid (I)

Name: _____

Date: _____

Calculate each quotient.

2	4)	6	2	7	2	4	0		

1	8)	3	5	0	7	3	0		

6	6)	3	1	0	3	3	2		

8	1)	7	8	2	9	4	6		

5	3)	7	1	2	7	9	7		

3	6)	6	3	2	7	3	6		

Long Division with a Grid (I) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

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

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

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

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

Long Division with a Grid (J)

Name: _____

Date: _____

Calculate each quotient.

7	7)	7	8	6	1	7	0	

2	5)	6	8	4	1	2	5	

3	2)	7	5	3	5	6	8	

1	4)	2	6	1	7	0	2	

2	2)	7	0	3	6	4	8	

8	1)	5	3	8	3	2	6	

Long Division with a Grid (J) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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