

Maths

SELF PRACTICE 5A

1. Divide and find the quotient and remainder in each of the following.

(A) $365 \div 3$

(B) $867 \div 9$

Solution:

		1	2	1
3		3	6	5
-		3		
		0	6	
-			6	
			0	5
		-		3
				2

Solution:

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

(C) $518 \div 12$

(D) $814 \div 21$

Homework E, F, G, H

Solution:

Solution:

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

			0	4	0
2	1		8	4	1
		-	0		
			8	4	
		-	8	4	
				0	1
			-		0
					1

(I) $70006 \div 4$

(J) $88890 \div 5$

Solution:

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

Solution:

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

(K) $34854 \div 3$

(L) $19274 \div 8$

Solution:

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

Solution:

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

Q2. Divide and check the division.

(A) $2938 \div 3$

(B) $6323 \div 6$ Homework

(C) $80415 \div 7$ Homework

Solution:

	0	9	7	9
3	2	9	3	8
-	0			
	2	9		
-	2	7		
		2	3	
	-	2	1	
			2	8
		-	2	7
				1

Check:

Divisor x Quotient + Remainder

$$= 3 \times 979 + 1$$

$$= 2937 + 1$$

$$= 2938$$