Date 6/8/21
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1.1 What is the smallest 3 digit number that divisible by 9

a

80	
+	−
1	8

= 8+0 = 8

b

277	
+	−
2	7

= 2+7+7 = 16. so if we add 2 to 16. we get 18 which is divisible by 9

c

4461	
+	−
3	6

$= 4+4+6+1 = 15$

~~so if we add 3 to~~

d

27248	
+	−
4	5

$= 2+7+2+4+8 = 23$

e

21248	
+	−
1	8

$= 2+1+2+4+8 = 16$

f

45400	
+	−
5	4

$= 4+5+4+0+0 = 13$

11g

2128	
+	−
5	4

$= 2+1+2+8 = 12$

h

8140	
+	−
5	4

$= 8+1+4+0 = 13$

13 What is smallest number divisible by 5

a

4	8	3
+		−
3		2

$= 4+8+2 = 14$

b

7	3	8
+	1	−
2		3

$= 7+3+8 = 18$

c

2	1	4	6
+			−
4			1

$= 2+1+4+6 = 13$

d

6	1	4	9
+			−
1			4

$= 6+1+4+9 = 20$

14 What is the smallest number which is divisible by 6

a

81
+ | −
3 | 3

= 8 + 1 = 9

81 is divisible by 3 but it is not divisible by 2 if we add 3 to 81 we get 84 which is divisible

b

94
+ | -
2 | 4

$9+4=13$

$13+2=15$

Hence add 2 to 94 get 96 which is divisible by 3 and 2

c

112
+ | -
2 | 4

$1+1+2=4$

d

223
+ | -
5 | 1

$2+2+3=7$

14d

1816	
+	−
2	4

= 1+8+1+6 = 16

f

1052	
+	−
4	2

= 1+0+5+2 = 8

g

3	1	4	6
+	|	—	
10	|	2	

$= 3+1+4+6 = 14$

h

3	1	9	2	1
+	|	-		
5	|	:1		

$= 3+1+9+2+1 = 16$