

1.1 What is the smallest number that divisible by 9

a

80
+ -
1 8

 $= 8 + 0 = 8$

b

277
+ -
1 7

 $= 2 + 7 + 7 = 16$

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

c

4	4	6	1
+		-	
3	↓	6	

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

~~so if we add 3 to~~

d

2	7	2	4	8
+		-		
4	↓	5		

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

e

2	1	2	4	8
+		-		
1	↓	8		

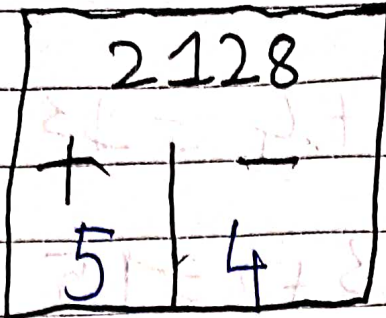
$$= 2 + 1 + 2 + 4 + 8 = 16$$

f

4	5	4	0	0
+		-		
5	↓	4		

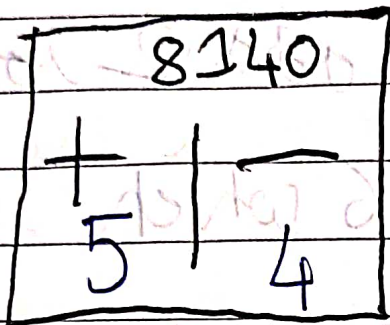
$$= 4 + 5 + 4 + 0 + 0 = 13$$

11g



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

h



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

13 What is smallest number divisible by 5

a

682
+ 1
3 2

 $= 4 + 8 + 2 = 14$

b

738
+ 1
2 3

 $= 7 + 3 + 8 = 18$

c

2146
+ 1
4 1

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

d

6149
+ 1
1 4

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

14 What is the smallest number which is divisible by 6

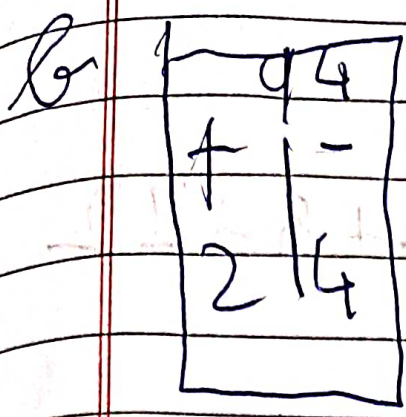
a
$$\begin{array}{r} \overline{81} \\ + \quad - \\ \hline 3 \quad 3 \end{array} = 81 = 8 + 19$$

81 is divisible by 3 but it is

not divisible by

2 if we add 3 to

81 we get 84 which is divisible



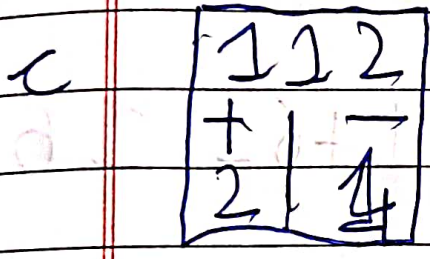
$$9 + 4 = 13$$

$$13 + 2 = 15$$

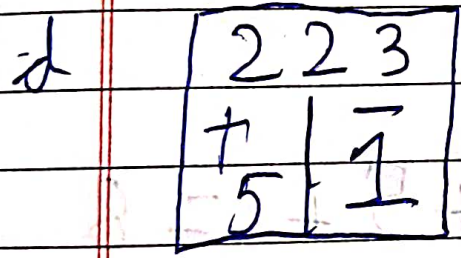
if we add 2 to 94

get 96 which is divisible

by 3 and 2



$$1 + 1 + 2 = 4$$



$$2 + 2 + 3 = 7$$

14d

1	8	1	6
+	1	-	
2		4	

$$1 + 8 + 1 + 6 = 16$$

B

1	0	5	2
+	1	-	
4		2	

$$1 + 0 + 5 + 2 = 8$$

$$g \quad \begin{array}{|c|c|} \hline 3146 \\ \hline \uparrow \quad \downarrow \\ \hline 10 \quad 2 \\ \hline \end{array} = 3+1+4+6 = 14$$

$$h \quad \begin{array}{|c|c|} \hline 31921 \\ \hline \uparrow \quad \downarrow \\ \hline 5 \quad 1 \\ \hline \end{array} = 3+1+9+2+1 = 16$$