

1 $\times 90$

i) 352

= It is divisible by 2

ii) 523

= Not divisible by 2

iii) 496

= It is divisible by 2

iv) 649

= Not divisible by 3

2: 222

= Not divisible by 4

ii) 532

= It is divisible by 4

iii) 678

1. Not divisible by 4

i. 9232

= It is divisible by 4

9232
- 24
13
- 8
56
- 56
0

3. 324

= Not divisible by 8

ii. 2536

= It is divisible by 8

2536
- 72
40
- 40
0

iii. 92760

= It is divisible by 8

iv. 444320

= It is divisible by 8

v. i. 221

= Not divisible by 3

i) 543

= It is divisible by 3

ii) 28492

= Not divisible by 3

iii) 92349

= It is divisible by 3

iv) 1332

= It is divisible by 9

v) 53427

= Not divisible by 9

vi) 4968

= It is divisible by 9

vii) 20004

= Not divisible by 9

vi) 324

= Not divisible by 6

vii) 2010

= Not divisible by 6

viii) 33278

= Not divisible by 6

ix) 15505

= Not divisible by 6

x) 5080

= Divisible by 5

xi) 66666

= Not divisible by 5

Q. 255

- Divisible by 5

ii) 9207

= Not divisible by 5

iii) 9900

- Divisible by 10

iv) 0

= Divisible by 10

v) 847

= Not divisible by 10

vi) 8976

= Not divisible by 10

Q. 1) 5918

i Not divisible by 11

ii 68717

= Not divisible by 11

iii 3882

= Not divisible by 11

iv 10857

= Not divisible by 11

v 960

= Divisible by 15

vi 8295

= Not divisible by 15

vii 10243

= Not divisible by 15

$$= 5013$$

> Not divisible by 5

$$\text{ii) } 6+4+1+3$$

$$= 13$$

$$= 6+4+2+3$$

$$= 15$$

$$\text{iii) } 4+6+4+6$$

$$= 20$$

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

$$= 21$$

$$\text{iii) } 2+7+5+3$$

$$= 17$$

$$= 2+7+1+5+3$$

$$= 18$$



12. 76M91

= 23

= 7+6+4+9+1

= ~~24~~ 27

13. 77548M

= 31

= 7+7+5+4+8

= 36

14. 627M9

= 24

= 6+2+7+9

= 27

15. ~~39~~ 39M2

$$\begin{array}{r} 9 \quad 3 \\ + 2 \quad + M = 89 \\ \hline 11 \quad 22 \end{array}$$

$$= 22 - 11$$

$$= 11$$

i) $3M + 22$

$$= 3 \quad M = 18$$

$$+ 4 \quad 22$$

$$+ 2 \quad 20$$

$$\hline 9$$

$$= 20 - 9$$

$$= 11$$

iii) $70975M$

$$= 7 \quad 0$$

$$+ 9 \quad + 7$$

$$+ 5 \quad + M = 3$$

$$\hline 21 \quad 10$$

$$= 21 - 10$$

$$= 11$$

iv) $14M75$

$$\begin{array}{r} 1 \quad 4 \\ + M = 16 \quad + 7 \\ \hline 15 \quad 22 \\ \hline 22 \end{array}$$

$$= 22 - 11$$

$$= 11$$

i) True

ii) True

iii) True

iv) False