

ms

EX 9(c)

1) Find which of the following numbers are divisible by 2

Ans- i) 352 ii) 496 are divisible by 2

2) Find which of the following numbers are divisible by 4:

Ans) i) 532 and ii) 9232 is divisible by 4

3) Find ~~the~~ which of the following numbers are divisible by 8

Ans- i) 324 and ii) 444320

4) Find which of the following numbers are divisible by 3:

Ans- i) 543 and ii) 92349

5) Find ~~the~~ which of the following numbers are divisible by 9

Ans i) 1332

6) Find which of the following numbers are divisible by 6:
and

Ans- i) 324, ii) 2010

7) Find which of the following numbers are divisible by 5:

Ans- i) 5080 and iii) 755

8) Find which of the following numbers are divisible by 10:

Ans- i) 9990 ii) 0

9) Find which of the following numbers are divisible by 11:

Ans- i) 5918, ii) 68717 and iii) 10857

10) Find which of the following numbers are divisible by 15:

Ans- i) 960, ii) 8295

11) In each of the following numbers, replace M by the smallest whole number to make the resulting number divisible by 3.

i) $64M3 = M=2$

ii) $46M46 = M=1$

iii) $27M53 = M=1$

12) In each of the following numbers, replace M by the smallest whole number to make the resulting number divisible by 9.

i) $76M91 = M=4$

ii) $77548M = M=5$

iii) $627M9 = M=3$

13) In each of the following numbers, replace M by the smallest whole number to make the resulting number divisible by 11:

i) $39M2 = M=8$

ii) $3M422 = M=7$

iii) $70975 \text{ M} = \text{M} = 3$

iv) $14 \text{ M} 75 = \text{M} = 5$

iv) state true or false:

i) If a number is divisible by 4. It is divisible by 8. false

ii) If a number is a factor of 16 and 24, ⁴⁸ it is divisible by ~~3~~ and 6. true

iii) If a number is divisible by 18, it is divisible 3 and 6. true

iv) If a divides both b and c completely, then a divides (i) $a+b$ (ii) $a-b$ also completely. true