

Exercise - 9.6

1. (i) 352 = yes, it is divisible by 2.

(ii) 523 = ~~no~~ no, it is not divisible by 2.

(iii) 496 = Yes, it is divisible by 2.

(iv) 649 = No, it is not divisible by 2.

2. (i) 222 = No, it is not divisible by 4.

(ii) 532 = yes, it is divisible by 4.

(iii) 678 = No, it is not divisible by 4.

(iv) 9232 = Yes, it is divisible by 4.

3. (i) 324 = ~~A~~ NO, it is not divisible

(ii) 2536 = yes, it is divisible.

(iii) 42760 = yes, it is divisible.

(iv) 444320 = yes, it is divisible.

4. (i) 221 = No, not divisible.
(ii) 543 = yes, divisible
(iii) 42760 = yes, divisible
(iv) 92349 = yes, divisible,

5. (i) 1332 = yes,
(ii) 53247 = No,
(iii) 4968 = yes,
(iv) 200314 = No,
AN

6. (i) 324 = yes
(ii) 2010 = yes
(iii) ~~34968~~ 33278 = No
(iv) 15505 = No

7. (i) 5080 = yes
(ii) 6666 = No
(iii) 755 = yes
(iv) 9207 = No

8. (i) 9990 = yes
(ii) 0 = yes
(iii) 847 = No
(iv) 8976 = No

9. (i) 5918 = yes
(ii) 68717 = yes
(iii) 3382 = No
(iv) 10857 = yes

- 10. (i) 960 = Yes
- (ii) 8295 = Yes
- (iii) 10243 = No
- (iv) 5013 = No

- 11. (i) 64M32 = M=2 = 6423
- (ii) 46M46 = M=1 = 46146
- (iii) 27M53 = M=1 = 27153

- 12. (i) 76M91 = ~~M=1~~ M=4 = 76491
- (ii) 77548M = M=5 = 775485
- (iii) 627M9 = M=3 = 62739

- 13. (i) 39M2 = M=8 = 3982
- (ii) 3M422 = M=7 = 37422
- (iii) 70975M = M=3 = 709753
- (iv) 14M75 = M=5 = 14575

- 14. (i) False
- (ii) True
- (iii) True
- (iv) True

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