

aw
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Exercise (10-E)



b) Write the cardinal number of each of the following sets:

i) $A = \{0, 1, 2, 4\}$

$$n(A) = 4$$

ii) $B = \{-2, -1, 1, 3, 5, 7\}$

~~n(B)~~ $n(B) = 6$

iii) $C = \{ \}$

$$n(C) = 0$$

iv) $D = \{3, 2, 2, 1, 3, 1, 2\}$

$$n(D) = 7$$

v) $E = \{ \text{Natural numbers between 15 and 20} \}$

$$n(E) = 5$$

vi) $F = \{ \text{whole numbers from 8 to 14} \}$

$$n(F) = 7$$

2) ~~Given~~

i) $n(A) = 10$

iii) $n(C) = 4$

ii) $n(B) = 6$

iv) $n(D) = 0$

8) State true or false for each of the following.
Correct the wrong statement.

1) False $n(A) = 1$

2) False $n(\emptyset) = 0$

3) True

4) False $n(B) = 4$