

General Science and ability

Find the missing number to complete each sum

(a) $9 + 8 - 5 = 2 \times (6)$

b $3 \times 9 - 14 = 24 - (11)$

explain the logic behind these answers in the form of statements.

(c) $15 \div 3 \times 12 = 41 + (19)$

(d) $24 \div 4 + 5 = 66 \div (6)$

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(e) $8 \times 6 - 13 + 3 = 7 \times 6 - (4)$

Question #02

Missing Number.

(a) 1, 8, 27, 64, 125, 216

(b) 4, 18, —, 100, 180, 294

(c) 132, 156, 182, 210, 240

(d) 8, 24, 12, 36, 18, 54

3

(e) 15, 31, 63, 127, 255

Question #03

Find the missing terms.

(a) 121, 11, 81, 9, 49, 7

(b) 100, 50, 25, 12.5, 6, 2.5

(c) 4, 9, 64, 125, 1296, 2401 3

(d) 2, 5, 12, 24, 48, 96

(e) 44, 22, 66, 33, 132, 88

Question #04

(1) BCB, DED, FGF, HIH, JKJ

(2) QPO, NML, KJI, HGF, EDC

(3) SCD, TEF, UGH, VIJ NKJ

(4) QAR, RAS, SAT, TAU, UAV 3

(5) JAK, KBL, LCM, MDN, NEO

(6) ELFA, GLHA, ILJA, KLLA MLNA

Q #05

A) (1) 2, 3, 6, 4, 5, 20, 6, 3, 18

(2) 1, 3, 9, 15, 25, 35, 49

(3) 2, 7, 10, 22, 18, 37, 26 52

(4) 34, 7, 37, 14, 10, 28, 43, 56

galaxy (A51) 5, 7, 11, 13, 17, 19, 3

Question #06

(I) 2, 4, 12, 48 240

(II) 5, 10, 13, 26, 29, 58, 61 122

(III) 15, 19, ~~28~~, 44 69, 105

(IV) B, ~~C~~, K, W U

(V) $\{(476 + 424)^2 - 4 \times 476 \times 424\} = 2704$

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