

Analogy (Day 2)

The bad news is time flies.

The good news is you are the pilot.

Analogy (Day 2)

3. Number Based Analogy

(संख्याओं पर आधारित सादृश्यता)

1. Prime Numbers ✓

2. Square / cube ✓

3. Multiplication / Divide

4. Add / Subtract

5. Illogical ✓

(2, 3, 5, 7, 11, 13 - - -)

⇒ $30^2, 20^3$

~~Digit Based~~
multiplication

Analogy (Day 2)

Q.2 6 : 9

:: 10 : ? 17

$$6 \times 3 \Rightarrow \frac{18}{2} \Rightarrow 9$$

$$10 \times 3 \Rightarrow \frac{30}{2} \Rightarrow \textcircled{15}$$

A. 23

☒ B. 17

C. 15

☒ D. 17

$$6 \times 2 \Rightarrow 12 - 3 \Rightarrow 9$$

$$10 \times 2 \Rightarrow 20 - 3 \Rightarrow 17$$

Analogy (Day 2)

Q.3 7 : 17 :: ? : 50

$\times 3 - 4$

18

$\times 3 - 4$

A. 24

☒ B. 18

C. 22

D. 21

$$7 \times 3 \Rightarrow 21 - 4 \Rightarrow 17$$

$$18 \times 3 \Rightarrow 54 - 4 \Rightarrow 50$$

Analogy (Day 2)

Q. 4 82 : 6 :: 76 : ?

A. 12

B. 1

C. 2

D. 3

82 : 6 :: 76 : ? ①

Analogy (Day 2)

Q.5 11 : 132 :: 10 : ?

A. 100

~~B. 110~~

~~C. 120~~

D. 130

$$10^2 + 10 \Rightarrow \underline{110}$$

$$10 \times 12 \Rightarrow \underline{120}$$

$$11^2 \Rightarrow 121 + 11 \Rightarrow 132$$

$$11 \times 12 \Rightarrow \underline{\underline{132}}$$

Analogy (Day 2)

Q.6 18 : 5 :: 12 : ?

A. 3

B. 4

C. 5

D. 6

$$\frac{18}{3} \Rightarrow 6 - 1 \Rightarrow 5$$

$$\frac{12}{3} \Rightarrow 4 - 1 \Rightarrow 3$$

Analogy (Day 2)

Q.7 12 : 20 :: 30 : ? 42

3×4 4×5 5×6 6×7

A. 36

B. 40

☒ C. 42

D. 46

Analogy (Day 2)

2

Q.8 10 : 99 :: ? : 63



8

A. 6

B. 7

C. 8

D. 9

$$10^2 \Rightarrow 100 - 1 \Rightarrow 99$$

$$8^2 \Rightarrow \cancel{64} - 1 \Rightarrow \cancel{6}3$$

Analogy (Day 2)

Q.9 6415 : 5304

::

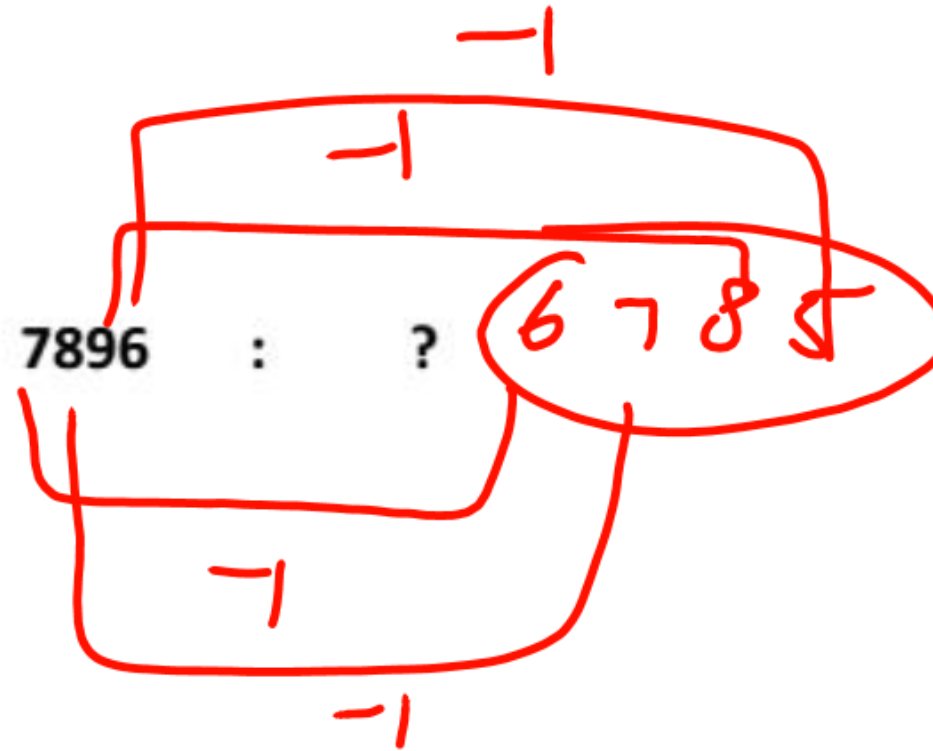
7896 : ?

A. 8756

✓ B. 6785

C. 7856

D. 5678



Analogy (Day 2)

Q.10 6×7 7×8 8×9 9×10
 42 : 56 :: 72 : ? 90

A. 60

B. 70

C. 80

☒ D. 90

Analogy (Day 2)

Q.11

11 : 38

:: 13 : ?

44

$\times 3 + 5$

$\times 3 + 5$

A. 41

B. 42

☒ C. 43

D. 44

Analogy (Day 2)



Q.12 9 : 80 :: 100 : ?

A. 99

B. 999

☒ C. 9999

D. 11

$$9^2 \Rightarrow 81 - 1 \Rightarrow 80$$

$$100^2 \Rightarrow 10000 - 1 \Rightarrow \underline{9999}$$

Analogy (Day 2)

Q.13 0.5 : 0.005 :: 0.102 : ?



- ✓ A. 0.00102
- B. 0.0102
- C. 0.000102
- D. 10200

$$0.5 \Rightarrow 0.005$$

$$0.102 \Rightarrow 0.00102$$

Analogy (Day 2)

Q.14 5.5 : 30.25 :: 11.0 : ?

A. 49.25

B. 67.50

☒ C. 121

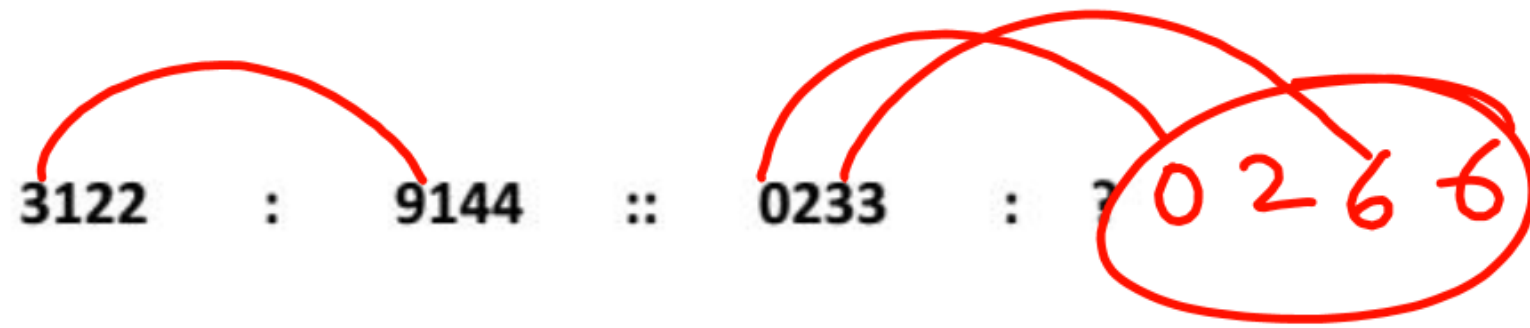
D. 53.25

$$(5.5)^2 \Rightarrow 30.25$$

$$(11.0)^2 \Rightarrow \underline{\underline{121}}$$

Analogy (Day 2)

Q. 15 3122 : 9144 :: 0233 : ?



- ✓ A. 0266
- B. 9876
- C. 5647
- D. 1987

Analogy (Day 2)

Q. (7 , 11 , 72)
 (5 , 8 , 39)

- A. (5 , 2 , 23) ✗
✓ B. (4 , 7 , 33)
C. (9 , 8 , 15)
D. (2 , 5 , 56)

$$(4^+, 7, 33)$$

$$11 \times 3 \Rightarrow \textcircled{33}$$

$$\begin{array}{l} 11 - 7 \Rightarrow 4 \leftarrow \times \\ 11 + 7 \Rightarrow 18 \end{array}$$

$$(7^-, 11, 72)$$

$$(5, 8, 39)$$

$$\begin{array}{l} 5 + 8 \Rightarrow 13 \\ 8 - 5 \Rightarrow 3 \end{array} \leftarrow \times$$

Analogy (Day 2)

Q.(5 , 41 , 4)
(2 , 68 , 8)

A.(5 , 18 , 4)

B.(8 , 23 , 5)

✓ C.(6 , 100 , 8)

D.(4 , 65 , 3)

$$5^2 + 4^2 \Rightarrow 41$$

$$8^2 + 2^2 \Rightarrow 68$$

$$6^2 + 8^2 \Rightarrow \underline{\underline{100}}$$

Analogy (Day 2)

$$\underline{\underline{Q}} \quad 10 : 45 :: \textcircled{8} : 28 :: 11 : 55$$

$$\textcircled{A} \quad 8$$

$$\textcircled{B} \quad 9$$

$$\textcircled{C} \quad 10$$

$$\textcircled{D} \quad 11$$

$$10 \times 9 \Rightarrow \frac{90}{2} \Rightarrow 45$$

$$11 \times 10 \Rightarrow \frac{110}{2} \Rightarrow 55$$

$$8 \times 7 \Rightarrow \frac{56}{2} \Rightarrow \underline{\underline{28}}$$

Analogy (Day 2)

(6, 8, 4)

$$6 - 8 \Rightarrow 2^2 \Rightarrow 4$$

(7, 4, 9)

$$7 - 4 \Rightarrow 3^2 \Rightarrow 9$$

$$9 - 5 \Rightarrow 4^2 \Rightarrow 16$$

(A) (3, 2, 5)

~~(B) (9, 5, 16)~~

(C) (15, 17, 23)

(D) हमें नहीं पता सर जी

Analogy (Day 2)

Q $8 : 496 :: ? : 204 :: 9 : 711$

$\underbrace{496}_{8^3 - 16}$

- (A) 5 (B) 13 (C) 11 (D) 6

$$8^3 \Rightarrow 512 - (8 \times 2) \Rightarrow 496$$

$$9^3 \Rightarrow 729 - (9 \times 2) \Rightarrow 711$$

$$6^3 \Rightarrow 216 - (6 \times 2) \Rightarrow 204$$

Analogy (Day 2)

(8, 12, 6)

(9, 18, 8)

$$8 \times 6 \Rightarrow \frac{48}{4} \Rightarrow 12$$

$$9 \times 8 \Rightarrow \frac{72}{4} \Rightarrow 18$$

Ⓐ (7, 24, 4)

Ⓑ (4, 12, 6)

$$12 \times 8 \Rightarrow \frac{96}{4} \Rightarrow \textcircled{24}$$

✓ Ⓒ (12, 24, 8)

Ⓓ (9, 10, 11)

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