



*Mahendra's*



**SSC CGL/CPO/CHSL**

**REASONING**

**ANALOGY**

**PART-4**

**ALPHABET & NUMBER(MIX) BASED**



**07:30 PM**



# ANALOGY BASED ON ALPHABET AND NUMBER

10

Alphabet

Place value

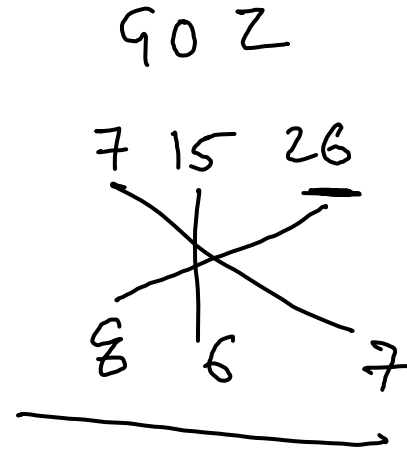
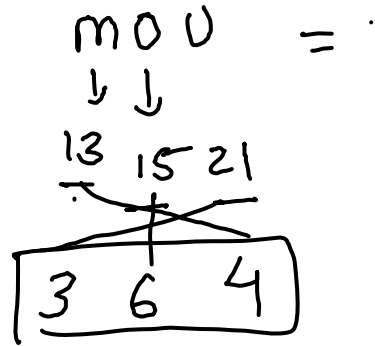
Q)1. MOU : 364 :: GOZ : ?

(a) ~~768~~

(b) 867

(c) 876

(d) 786



(b)

95

$$\cancel{4}5 = 14 = 1+4 = 5$$

5

~~99999~~ 3

---

# Q)2. AUDIO : 5 :: ZILA : ?

- (a) 3
- (b) 6
- (c) 5
- (d) 9

A U D I O  
1 21 4 9 15  
└──────────┘

$$10 + 25 + 15 = 50 = 5 + 0$$

(5)

$$26 + 9 + 12 + 1 = 48 \Rightarrow 12$$

↓  
1+2  
┌───┘  
(3)

A U D I O  
1 21 4 9 15  
1 ~~(3)~~ 4 ~~(9)~~ ~~(6)~~ = (5)

Z I L A = (3)

26 9 12 1  
~~(8)~~ ~~(9)~~ (3) ~~(1)~~

**Q)3. METAL : 1312 :: ZIMOKARAA : ?**

- (a) 2601**
- (b) 6021**
- (c) 6210**
- (d) 1026**

M E T A L  
↓                    ↓  
13                    12

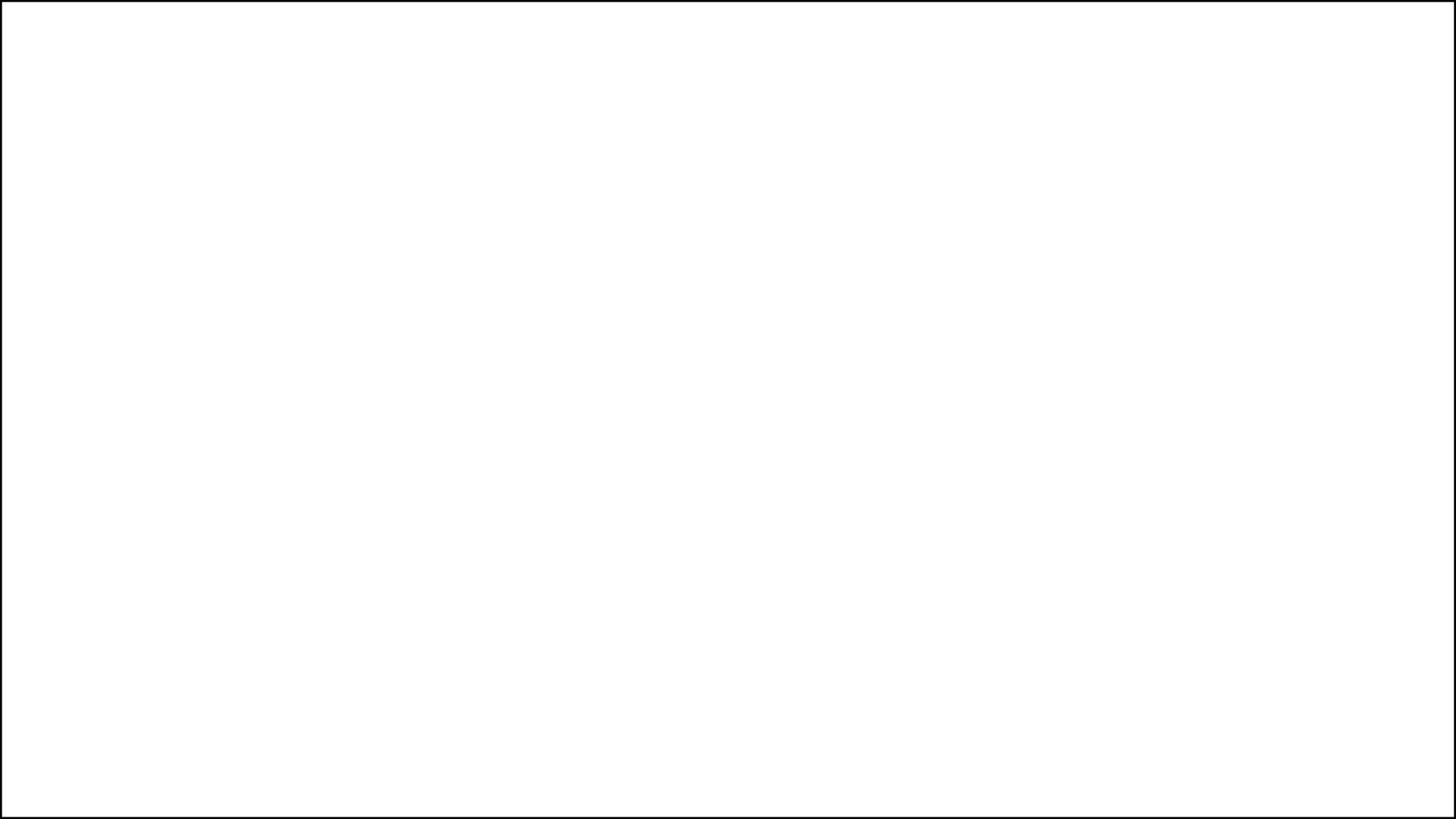
26

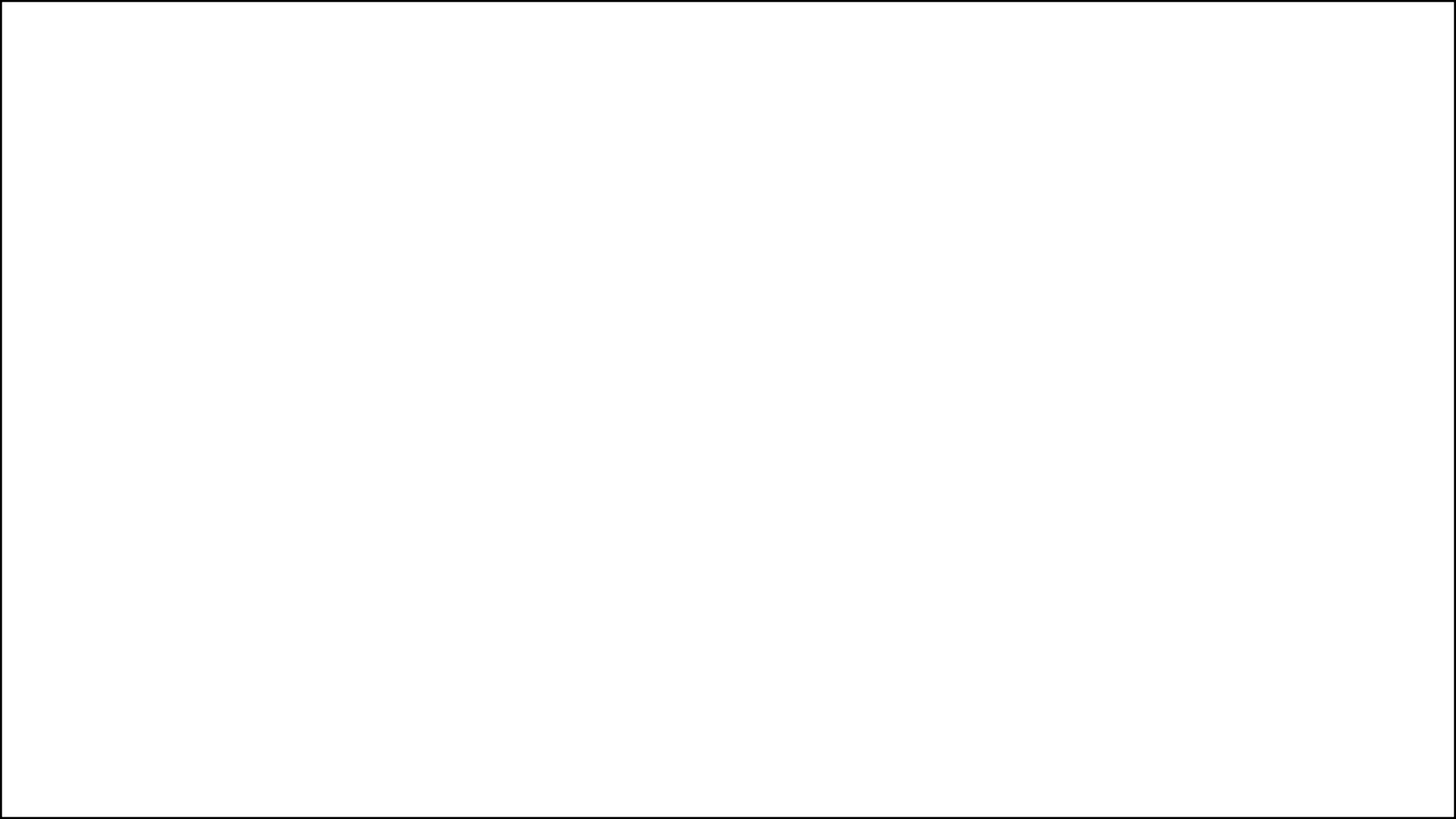
01

261

2601

←







Q4) FAMO : 61 :: RIVERS : ?

(a) 63

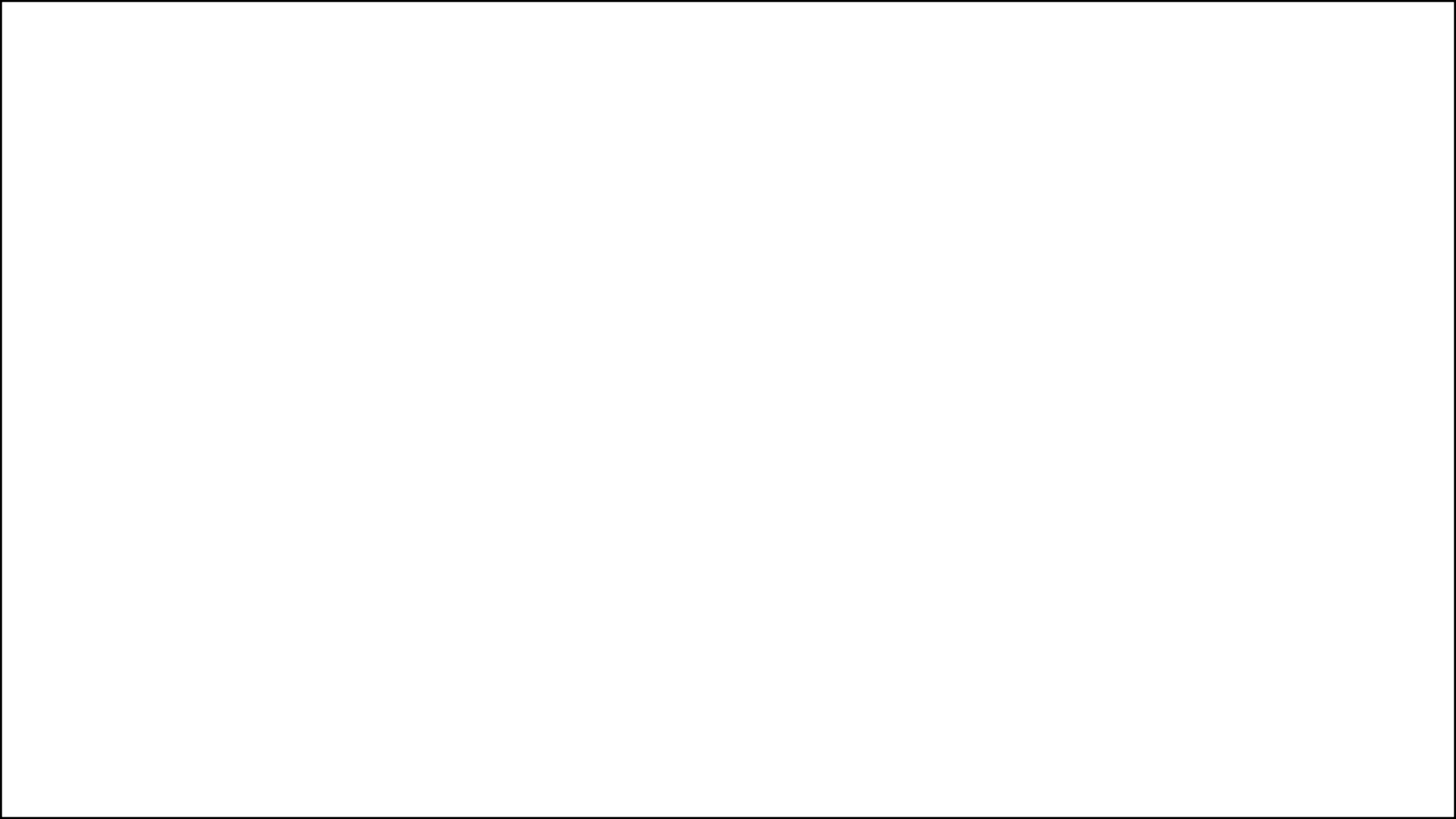
(b) 64 ✓

(c) 70

(d) 61

$$\begin{array}{c} \text{F A M O} \\ \hline \end{array} \xrightarrow{\text{4 letters}} = \begin{array}{c} \text{6 letters} \\ (4)^2 \\ = 16 \end{array} \rightarrow \text{61}$$

$$6^2 = 36 \rightarrow \text{63}$$



Q5) OM : 82 :: FK : ?

- (a) 71
- (b) 78
- (c) 70
- (d) 62

$$\begin{array}{r} \text{O M} : 82 \\ \hline \downarrow \downarrow \\ 15 + 13 = 28 \\ \hline \leftarrow \\ \text{82} \end{array} \quad \left| \quad \begin{array}{r} \text{F K} \\ 6 \quad 11 \\ \hline \text{17} \end{array} \quad \text{71}$$

Q6) KP : 27 :: FL : ?

VVI Imp.

(a) 39

(b) 36

(c) 42

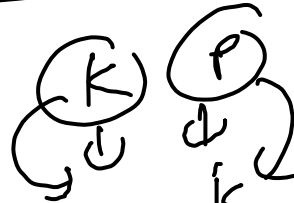
(d) 29

K P.

$$11 + 16 = 27$$

F L

$$6 + 12 = 18$$



P.

$$16 + 11 = 27$$

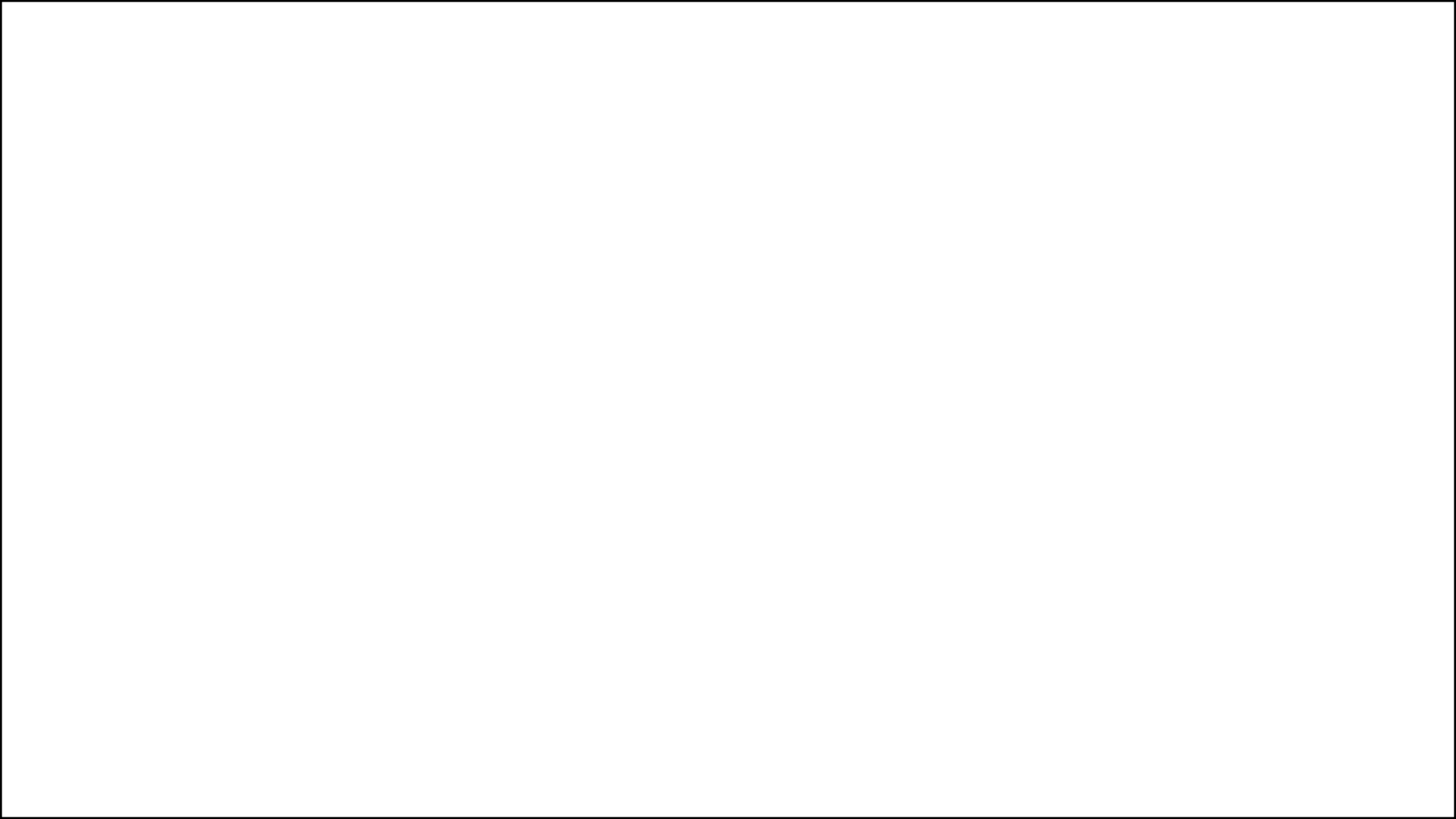
F L

↓ ↓

U O

$$21 + 15 =$$

= 36



Q7) SSB : 76 :: FLC : ?

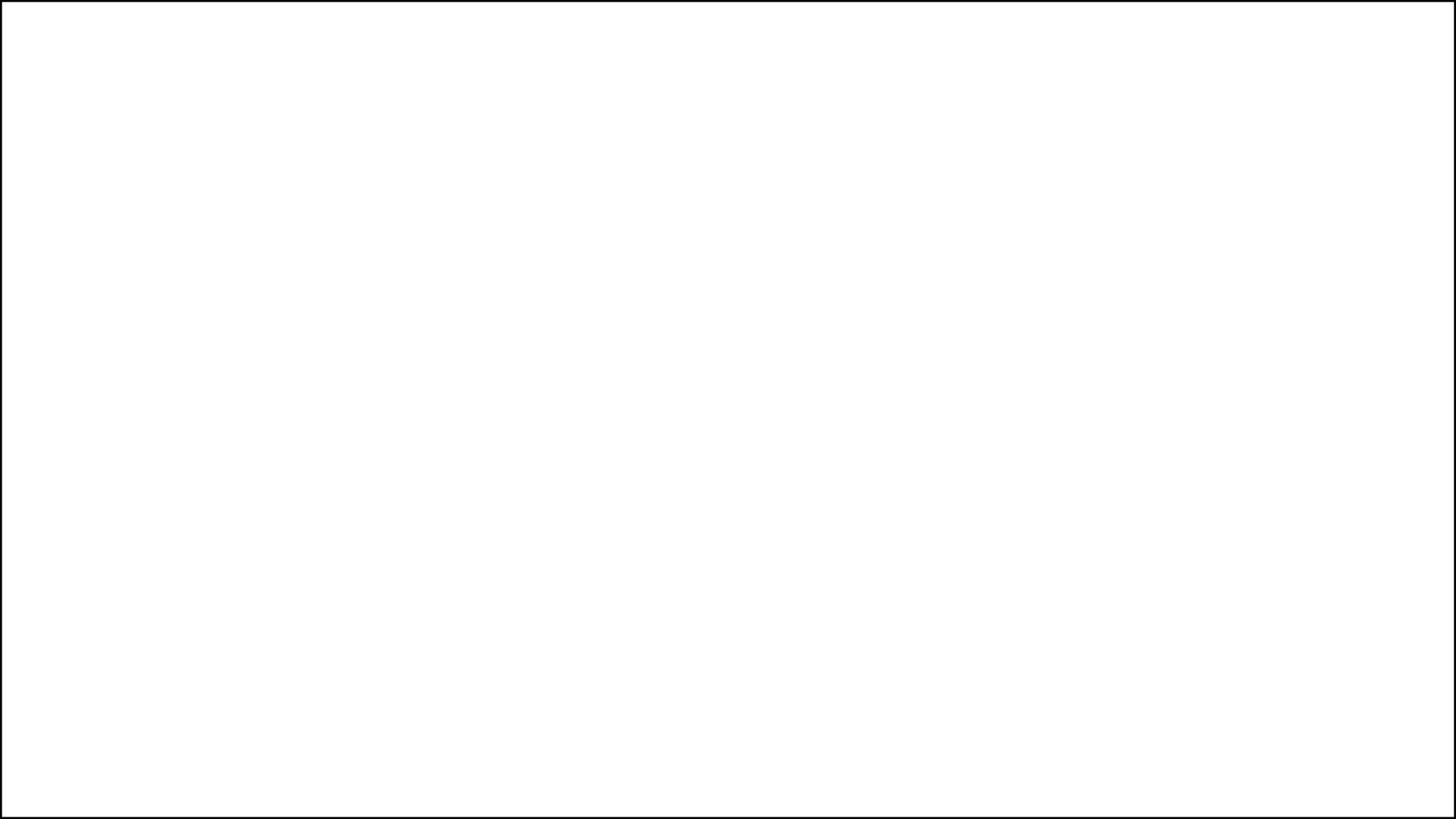
Ex

- (a) 54
- (b) 45
- (c) 36
- (d) 90

$$\begin{array}{r} S S B \\ 19 + 19 \times 2 \\ \hline 38 \times 2 \end{array}$$

$$\begin{array}{r} F L C \\ 6 + 12 \times 3 \end{array}$$

54



Q8) DF : 2410 :: LB : ?

(a) 2414

(b) 1214

(c) 2416

(d) 1424

DF

$$4 \times 6 = 24$$

$$4 + 6 = 10$$

2410

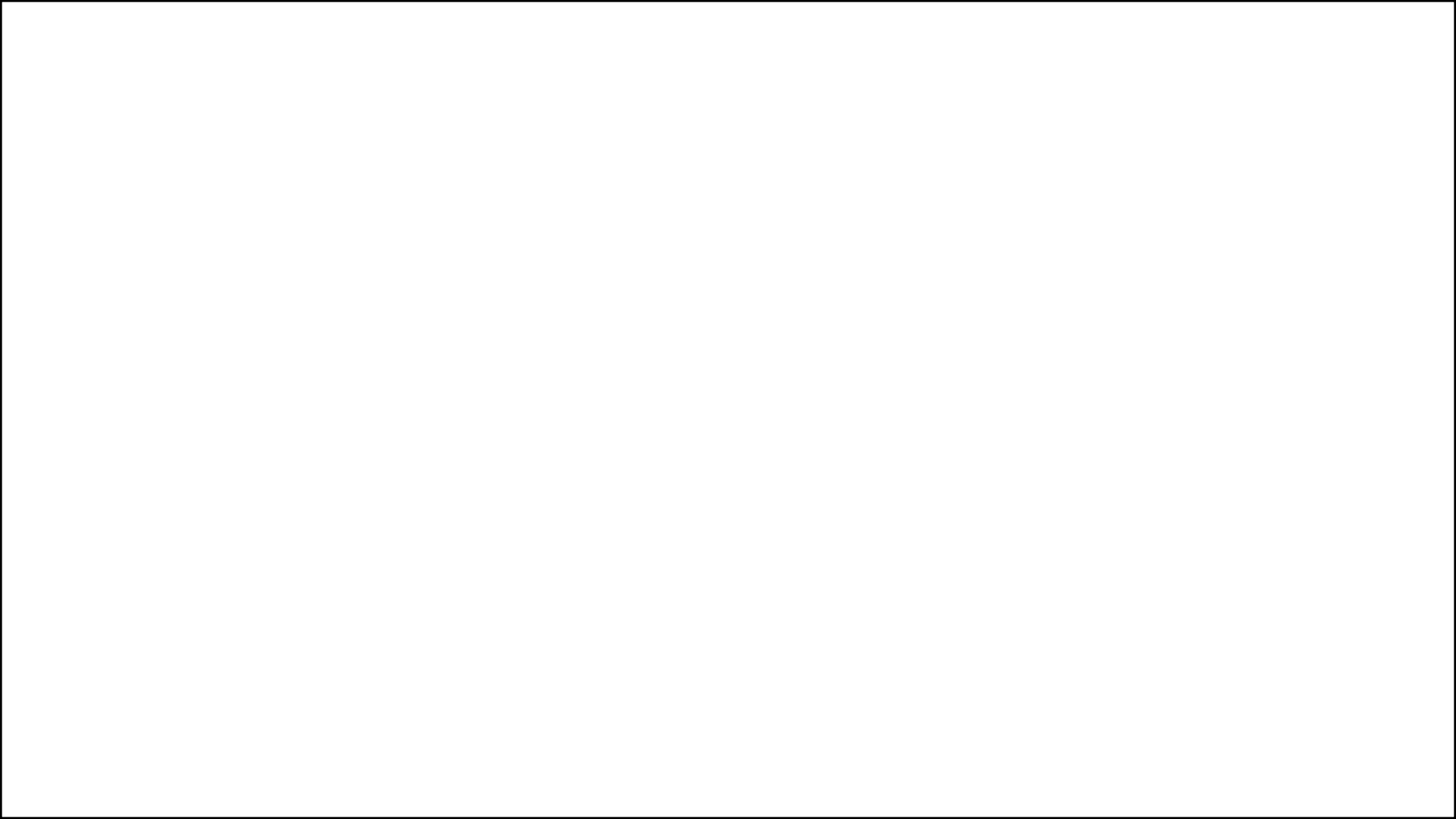
LB

$$12 \times 2 = 24$$

$$12 + 2 = 14$$

2414



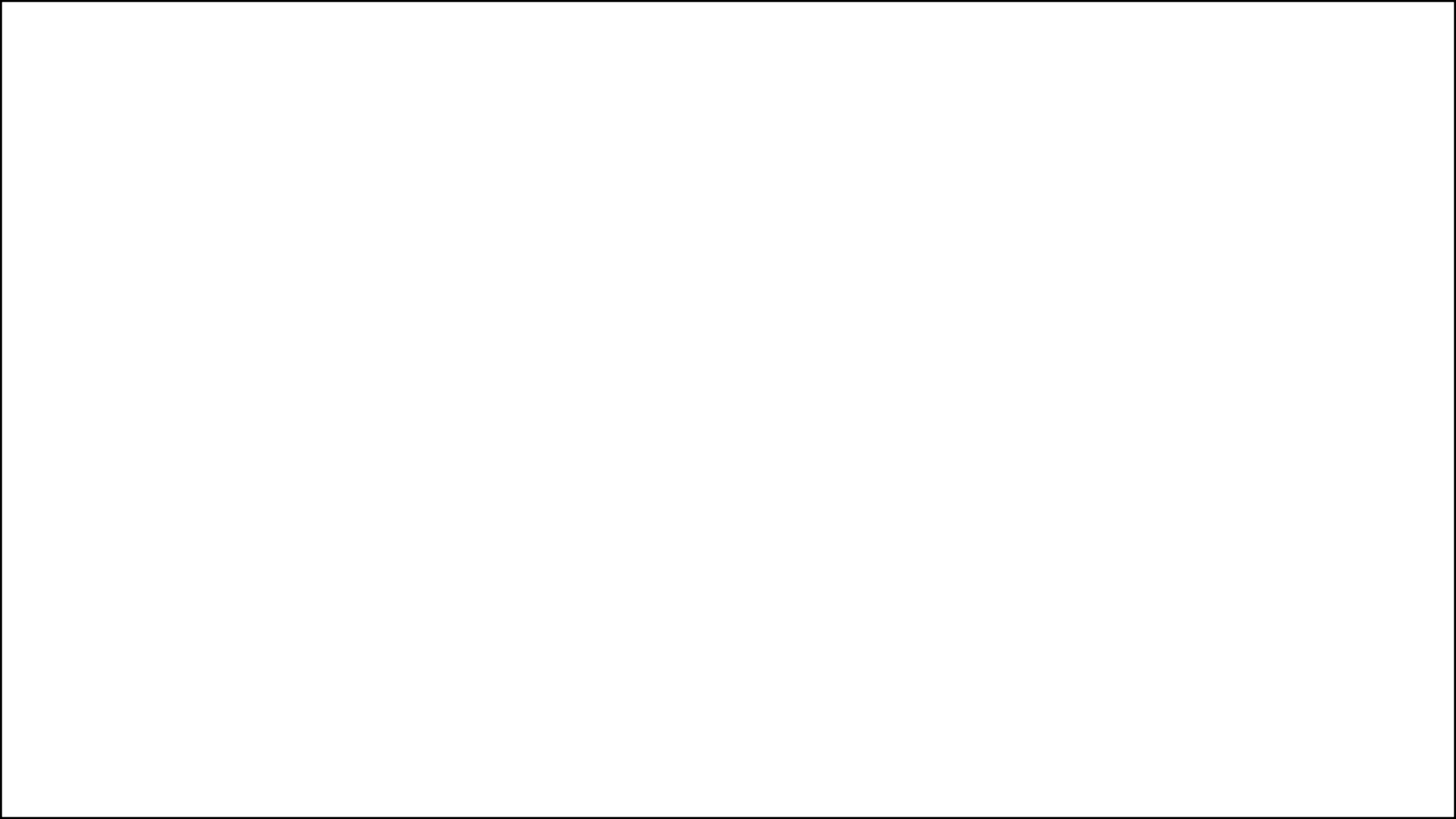


Q9)  $Y^2 : 4 :: G^2 : ?$

- (a) 100
- (b) 200
- (c) 600
- (d) 400

$$\begin{array}{c} Y \\ \downarrow \\ 2 \\ \downarrow \\ 4 \\ (2)^2 = 4 \end{array}$$

$$\begin{array}{c} G \\ \downarrow \\ 20 \\ \downarrow \\ (20)^2 = 400 \end{array}$$



Q10) MOTEL : 4520 :: SEAPU : ?

- (a) 2735
- (b) 2357
- ~~(c) 3527~~
- (d) 7235

MOTEL <sup>C</sup> <sup>V</sup>  
 13 15 20 5 12

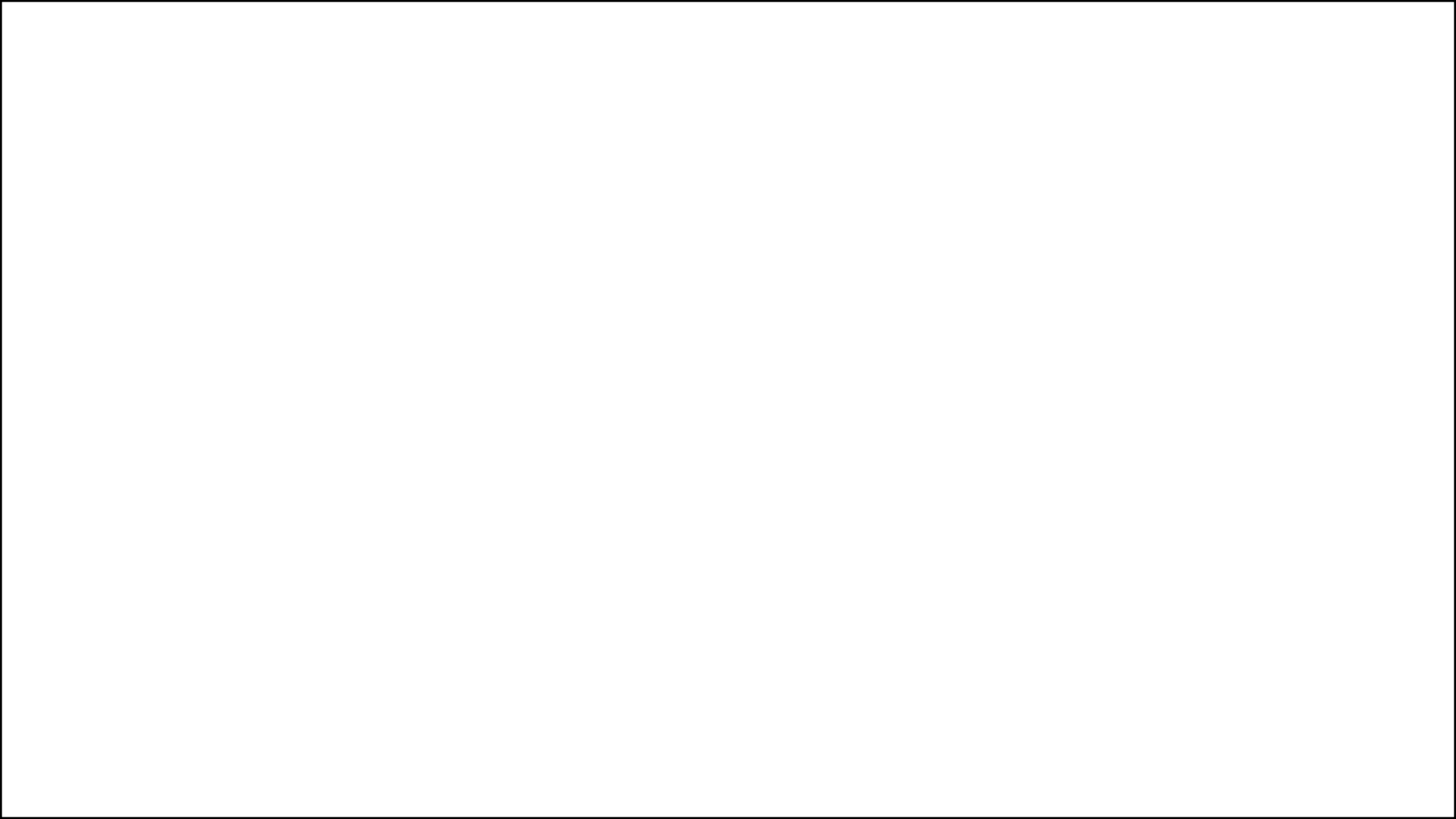
Vowel / Consonant

MOTEL

O E / M T L  
 15 + 5      12 + 20 + 12  
 -----  
 20              (45)

<sup>✓</sup> <sup>✓</sup> <sup>✓</sup>  
 SEAPU  
 -----  
 19 5 1 16 21

S A U      S P.  
 5 + 1 + 21      19 + 16  
 -----  
 27              35



Q11) SOL : 16 :: NTE : ?

- (a) 28
- (b) 29
- (c) 30
- (d) 35

S O L  
↓ ↓ ↓  
19 + 15 + 12

$$\begin{array}{r} = 46 \\ - 16 \\ \hline 30 \end{array}$$

S O L  
19 - 15 + 12  
4 + 12  
16

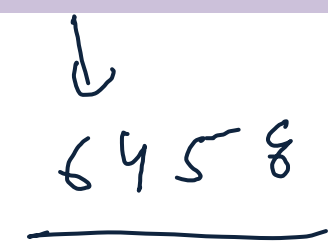
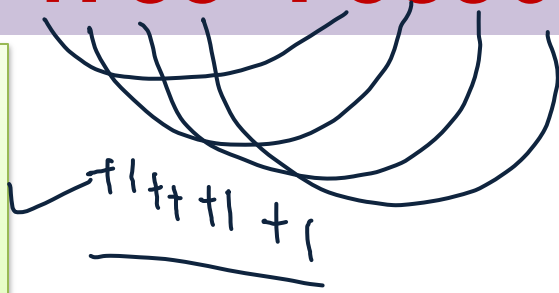
S O L  
↓  
Vowel

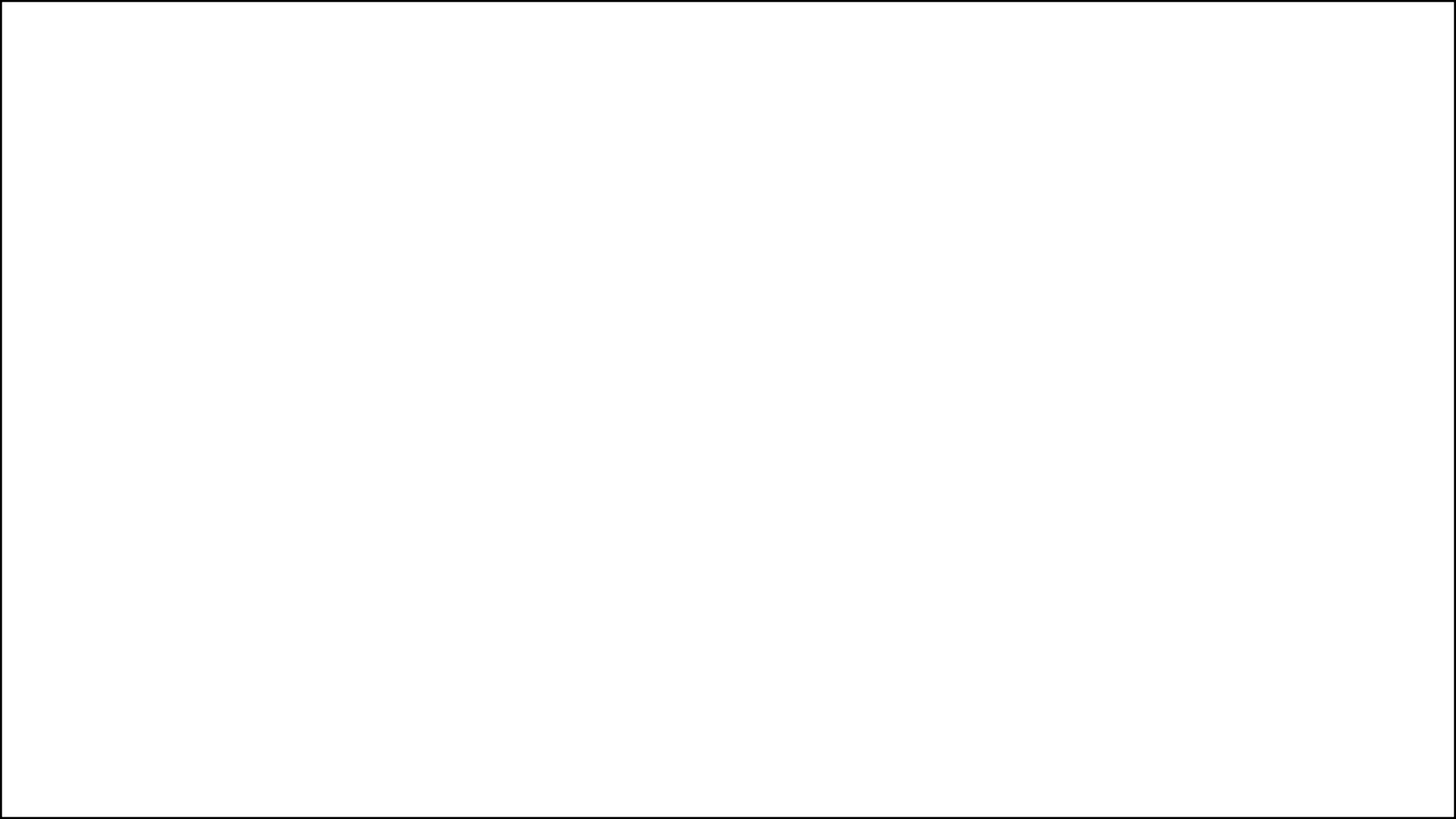
N T E

N T E  
14 + ~~20~~ - 5  
14 + 15  
29

**Q12) 4785 : 5896 :: 5347 : ?**

- (a) 6753**
- (b) 6458**
- (c) 6485**
- (d) 6548**







Q13) 4163 : 3425 :: 7813 : ?

(a) 9613

$\frac{14}{19}$

4163

$\frac{14}{19}$

3425

$\frac{19}{14}$

(b) 3458

$4+1+6+3$

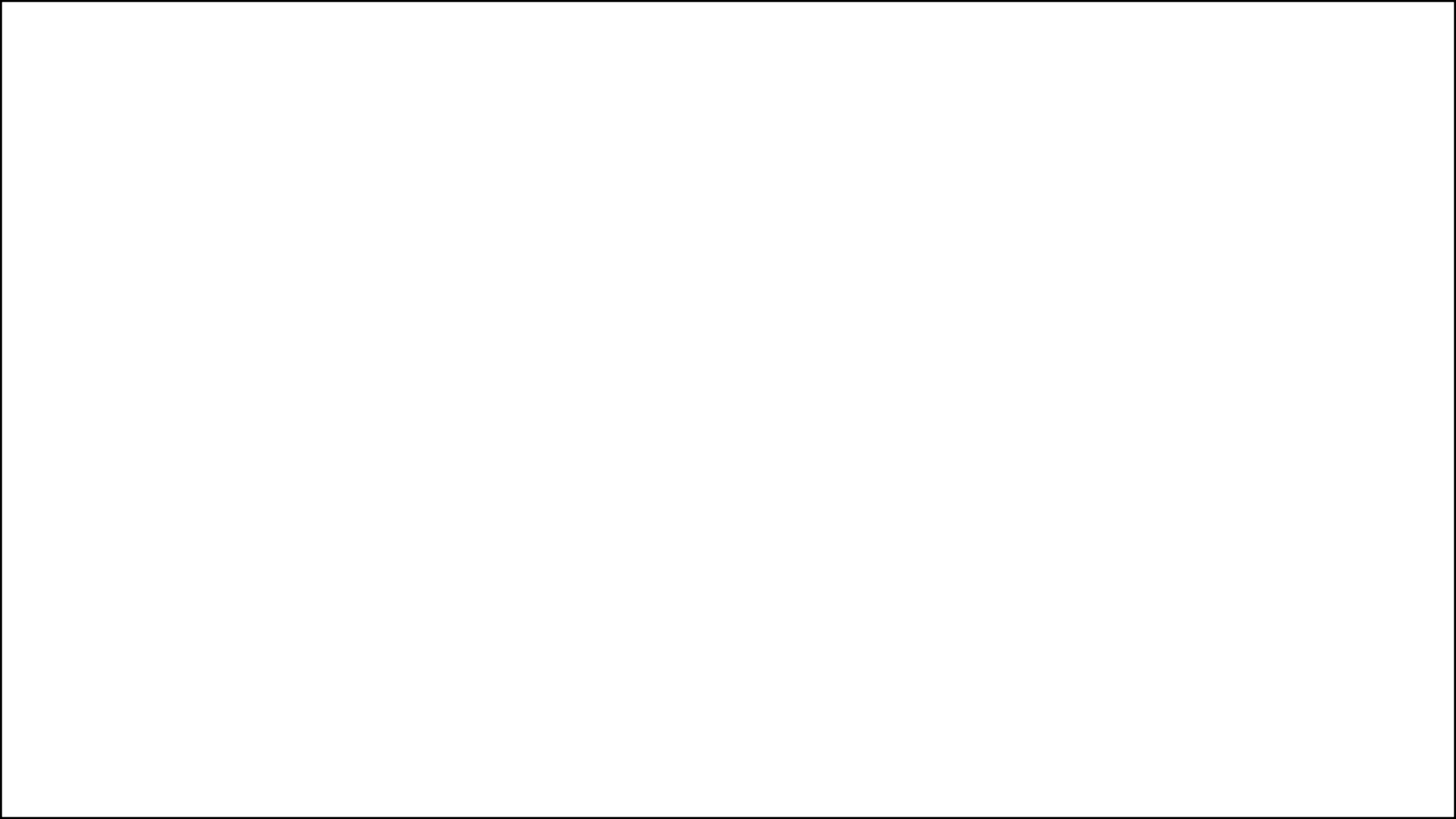
$3+4+2+5$

(c) 4297

$\frac{14}{19}$

$\frac{14}{19}$

(d) 5698



Q14) 371 : 150 :: 468 : ?

(a) 247 ✓

(b) 357

(c) 246

(d) 345

$$\begin{array}{r} 371 \\ 150 \\ \hline 221 \\ \hline \end{array}$$

$$\begin{array}{r} 371 \\ - 221 \\ \hline 150 \end{array}$$

$$\begin{array}{r} 468 \\ - 221 \\ \hline 247 \\ \hline \end{array}$$