testbook

Quant For All State Exams

BODMAS Rule

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Your Notes

VBODMAS

V- venicular line (0.3bar)

B- bracket

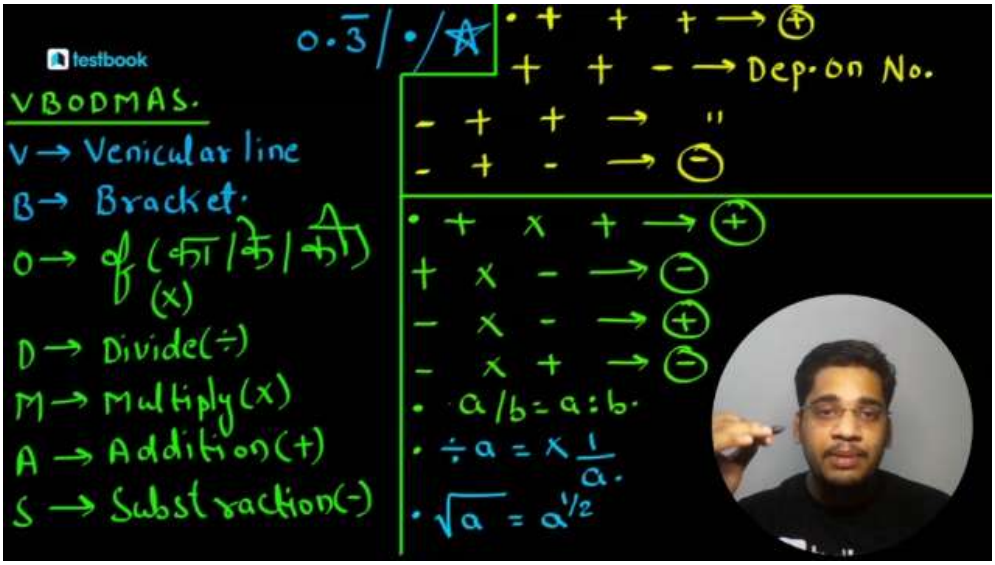
O- of (multiplication)

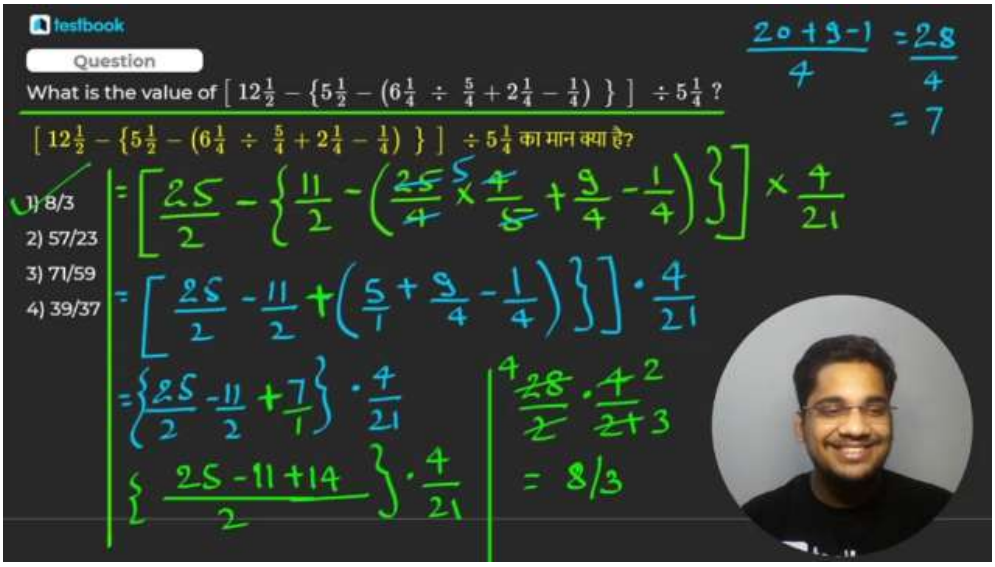
D- division

M- multiplication

A- Addition

S- subtraction

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Question
What is the value of $[12\frac{1}{2} - \{5\frac{1}{2} - (6\frac{1}{4} \div \frac{5}{4} + 2\frac{1}{4} - \frac{1}{4})\}] \div 5\frac{1}{4}$?
$[12\frac{1}{2} - \{5\frac{1}{2} - (6\frac{1}{4} \div \frac{5}{4} + 2\frac{1}{4} - \frac{1}{4})\}] \div 5\frac{1}{4}$ का मान क्या है?
1) 8/3
2) 57/23
3) 71/59
4) 39/37
$= \left[\frac{25}{2} - \left\{\frac{11}{2} - \left(\frac{25}{4} \times \frac{4}{5} + \frac{9}{4} - \frac{1}{4}\right)\right\}\right] \times \frac{4}{21}$
$= \left[\frac{25}{2} - \frac{11}{2} + \left(\frac{5}{1} + \frac{9}{4} - \frac{1}{4}\right)\right] \cdot \frac{4}{21}$
$= \left\{\frac{25}{2} - \frac{11}{2} + \frac{7}{1}\right\} \cdot \frac{4}{21}$
$\left\{\frac{25 - 11 + 14}{2}\right\} \cdot \frac{4}{21}$
$\frac{28}{2} \cdot \frac{4}{21+3}$
$= 8/3$
$\frac{20+9-1}{4} = \frac{28}{4}$
$= 7$