

GIẢI BÀI TẬP 98 TRANG 49 SGK TOÁN 7 TẬP

Câu hỏi

Tìm y biết:

$$\text{a) } -\frac{3}{5} \cdot y = \frac{21}{10}$$

$$\text{b) } y : \frac{3}{8} = -1\frac{31}{33}$$

$$\text{c) } 1\frac{2}{5} \cdot y + \frac{3}{7} = -\frac{4}{5}$$

$$\text{d) } -\frac{11}{12} \cdot y + 0,25 = \frac{5}{6}$$

Đáp Án

$$\text{a) } -\frac{3}{5} \cdot y = \frac{21}{10}$$

$$\Rightarrow y = \frac{21}{10} : \left(-\frac{3}{5}\right) = \frac{21}{10} \cdot \left(-\frac{5}{3}\right) = -\frac{21 \cdot 5}{10 \cdot 3} = -\frac{7}{2} = -3\frac{1}{2}$$

$$\text{b) } y : \frac{3}{8} = -1\frac{31}{33}$$

$$\Leftrightarrow y : \frac{3}{8} = -\frac{64}{33}$$

$$\Rightarrow y = -\frac{64}{33} \cdot \frac{3}{8} = -\frac{64 \cdot 3}{33 \cdot 8} = -\frac{8}{11}$$

$$\text{c) } 1\frac{2}{5} \cdot y + \frac{3}{7} = -\frac{4}{5}$$

$$\Rightarrow \frac{7}{5}y = -\frac{4}{5} - \frac{3}{7} \Rightarrow \frac{7}{5}y = -\frac{43}{35} \Rightarrow y = -\frac{43}{35} : \frac{7}{5} \Rightarrow y = -\frac{43}{35} \cdot \frac{5}{7} = -\frac{43}{49}$$

$$\text{d) } -\frac{11}{12} \cdot y + 0,25 = \frac{5}{6}$$

$$\Rightarrow -\frac{11}{12}y = \frac{5}{6} - 0,25 \Rightarrow -\frac{11}{12}y = \frac{5}{6} - \frac{1}{4}$$

$$\Rightarrow -\frac{11}{12}y = \frac{7}{12} \Rightarrow y = \frac{7}{12} : \left(-\frac{11}{12}\right)$$

$$\Rightarrow y = \frac{7}{12} \cdot \left(-\frac{12}{11}\right) \Rightarrow y = -\frac{7}{11}$$