



இயல் 6.9 - பின்னங்கள்

பயிற்சி எண் :: 6.9.2.1.D

பின்னங்கள் - தீர்க்க - பயிற்சி 1.1.3

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3. பின்வருவனவற்றிற்கு விடையளிக்க.

iv) $\frac{8}{9}$ மற்றும் $\frac{2}{7}$ இக்கு இடையே உள்ள வேறுபாட்டைக் காண்க.

$$\begin{aligned}\frac{8}{9} - \frac{2}{7} &= \frac{8 \times 7}{9 \times 7} - \frac{2 \times 9}{7 \times 9} \\ &= \frac{56}{63} - \frac{18}{63} \\ &= \frac{56-18}{63} \\ &= \frac{38}{63}\end{aligned}$$

விடை(Answer) :

$$\frac{8}{9} - \frac{2}{7} = \frac{38}{63}$$

v) $2\frac{1}{3}$ இலிருந்து $1\frac{3}{5}$ ஐக் கழிக்க.

$$\begin{aligned}2\frac{1}{3} - 1\frac{3}{5} &= \frac{(2 \times 3)+1}{3} - \frac{(1 \times 5)+3}{5} \\ &= \frac{7}{3} - \frac{8}{5} \\ &= \frac{7 \times 5}{3 \times 5} - \frac{8 \times 3}{5 \times 3} \\ &= \frac{35}{15} - \frac{24}{15} \\ &= \frac{35-24}{15} \\ &= \frac{11}{15}\end{aligned}$$

விடை(Answer) :

$$\left(2\frac{1}{3} - 1\frac{3}{5}\right) = \frac{11}{15}$$

vi) சுருக்குக (Simplify) : $7\frac{2}{7} - 3\frac{4}{21}$

$$\begin{aligned}7\frac{2}{7} - 3\frac{4}{21} &= \left(7 + \frac{2}{7}\right) - \left(3 + \frac{4}{21}\right) \\ &= 7 + \frac{2}{7} - 3 - \frac{4}{21} \\ &= 7 - 3 + \left(\frac{2}{7} - \frac{4}{21}\right) \\ &= 4 + \left(\frac{2 \times 3}{7 \times 3} - \frac{4}{21}\right) \\ &= 4 + \left(\frac{6}{21} - \frac{4}{21}\right) \\ &= 4 + \left(\frac{6-4}{21}\right) \\ &= 4 + \left(\frac{2}{21}\right) = 4\frac{2}{21}\end{aligned}$$

விடை(Answer) :

$$7\frac{2}{7} - 3\frac{4}{21} = 4\frac{2}{21}$$

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