

تمرین های پایان فصل دوم

(۱) $\begin{array}{r} \text{نردبانی (۱)} \\ 5 \\ 9 \end{array}$

✓ $\begin{array}{r} \text{نردبانی (۲)} \\ 3 \\ 9 \end{array}$

$\begin{array}{r} \text{نردبانی (۳)} \\ 3 \\ 4 \end{array}$

[۲۲] $\begin{array}{r} \text{نردبانی (۴)} \\ 4 \\ 5 \end{array}$

(۲) [۲۱] $\begin{array}{r} \text{نردبانی (۳)} \end{array}$

$[24] (3)$

$$\frac{2}{3} + \frac{1}{4} = \frac{4}{4} + \frac{1}{4} = \frac{5}{4}$$

$\frac{4}{4} : \text{نرسه ی (1)}$

$\frac{4}{4} : \text{نرسه ی (2)}$

$\frac{2}{4} : \text{نرسه ی (3)}$

✓ $\frac{5}{4} : \text{نرسه ی (4)}$

$[24] (4)$

$$\frac{(2)}{3} = \frac{14}{40}$$

Arrows indicate simplification steps: $\div 2$ from 2 to 14 and $\div 1$ from 3 to 40.

$$\frac{34}{44} = \frac{9}{(14)}$$

Arrows indicate simplification steps: $\div 4$ from 34 to 9 and $\div 4$ from 44 to 14.

$$\frac{9}{12} = \frac{24}{(41)}$$

Arrows indicate simplification steps: $\times 4$ from 9 to 24 and $\times 4$ from 12 to 41.

$$\frac{1}{\frac{r}{2}}$$

$$[ra] (a)$$

$$[ra] (y)$$

$$\frac{\frac{1}{1r}}{\frac{1}{r}} = \frac{r}{r} = \frac{r}{y}$$

[26] (2)

$$\text{الف) } \frac{18}{42} + \frac{12}{42} = \frac{30}{42}$$

$$\text{ب) } \frac{5}{11} - \frac{4}{11} = \frac{1}{11}$$

$$\text{ج) } \frac{20}{34} - \frac{5}{9} = \frac{10}{34} - \frac{20}{34} = 0$$

[29] (1)

4 نصف 8 : مقدار (ط) ترجع 6

[٢٥] (٩)

$$\begin{array}{l} \text{نور} : \frac{٣}{٢٥} \times ٣ = \frac{٩}{٢٥} \\ \text{نورسال} : \frac{٢}{٢٥} \times ١ = \frac{٢}{٢٥} \end{array} \left. \vphantom{\begin{array}{l} \frac{٣}{٢٥} \times ٣ \\ \frac{٢}{٢٥} \times ١ \end{array}} \right\} \rightarrow \frac{١٣}{٢٥}$$

$$\text{نورسال} : ١ - \frac{١٣}{٢٥} = \frac{٢٥}{٢٥} - \frac{١٣}{٢٥} = \frac{١٢}{٢٥}$$

[٢٥] (١٥)

$$٥ \times ٢ = ١٠$$

$$١٠ \times \frac{٢}{٣} = \frac{٢٠}{٣} = ٦\frac{٢}{٣}$$

$$١٠ - ٦\frac{٢}{٣} = ٣\frac{١}{٣}$$

(١٥)

(١٥)

(11) [30]

$$\text{توان} : 4200 \times \frac{1}{2} = 2100 \text{ نفق}$$

$$\text{توان} : 4200 \times \frac{1}{4} = 1050 \text{ ابع}$$

$$\text{توان} (نق) : 2100 + 1050 = 3150$$

$$\text{توان} (نق) : 4200 - 3150 = 1050$$