

1. 분모의 최소공배수를 공통분모로 하여 두 분수를 바르게 통분한 것은 어느 것입니까?

① $\left(\frac{5}{9}, \frac{4}{7}\right) \rightarrow \left(\frac{45}{63}, \frac{28}{63}\right)$

② $\left(\frac{5}{6}, \frac{4}{5}\right) \rightarrow \left(\frac{25}{30}, \frac{24}{30}\right)$

③ $\left(\frac{8}{15}, \frac{7}{25}\right) \rightarrow \left(\frac{40}{75}, \frac{35}{75}\right)$

④ $\left(\frac{11}{20}, \frac{8}{15}\right) \rightarrow \left(\frac{33}{60}, \frac{24}{60}\right)$

⑤ $\left(\frac{7}{9}, \frac{4}{11}\right) \rightarrow \left(\frac{63}{99}, \frac{44}{99}\right)$

해설

② $\left(\frac{5}{6}, \frac{4}{5}\right) \rightarrow \left(\frac{5 \times 5}{6 \times 5}, \frac{4 \times 6}{5 \times 6}\right) \rightarrow \left(\frac{25}{30}, \frac{24}{30}\right)$

④ $\left(\frac{11}{20}, \frac{8}{15}\right) \rightarrow \left(\frac{11 \times 3}{20 \times 3}, \frac{8 \times 4}{15 \times 4}\right)$

$\rightarrow \left(\frac{33}{60}, \frac{32}{60}\right)$

2. 다음 중 $\frac{1}{2}$ 보다 작은 분수를 모두 찾으시오.

① $\frac{3}{4}$

② $\frac{3}{8}$

③ $\frac{4}{7}$

④ $\frac{29}{84}$

⑤ $\frac{99}{156}$

해설

$$\frac{3}{4} > \frac{1}{2}, \quad \frac{3}{8} < \frac{1}{2}, \quad \frac{4}{7} > \frac{1}{2}, \quad \frac{29}{84} < \frac{1}{2}, \quad \frac{99}{156} > \frac{1}{2}$$