

反射テスト 計算 分数の引き算 通分 03

1. 次の計算をせよ。(S級45秒, A級1分20秒, B級2分, C級2分50秒)

(1) $\frac{1}{3} - \frac{1}{6}$

(2) $\frac{1}{2} - \frac{1}{5}$

(3) $\frac{5}{6} - \frac{1}{2}$

(4) $\frac{3}{5} - \frac{1}{6}$

(5) $\frac{7}{8} - \frac{1}{6}$

(6) $\frac{3}{4} - \frac{7}{12}$

(7) $\frac{5}{6} - \frac{19}{30}$

(8) $\frac{13}{15} - \frac{5}{12}$

2. 次の計算をせよ。(S級45秒, A級1分20秒, B級2分, C級2分50秒)

(1) $\frac{1}{2} - \frac{1}{4}$

(2) $\frac{1}{2} - \frac{1}{6}$

(3) $\frac{7}{10} - \frac{1}{2}$

(4) $\frac{4}{5} - \frac{3}{7}$

(5) $\frac{7}{8} - \frac{5}{6}$

(6) $\frac{3}{4} - \frac{5}{12}$

(7) $\frac{5}{6} - \frac{23}{30}$

(8) $\frac{13}{15} - \frac{9}{20}$

反射テスト 計算 分数の引き算 通分 03 解答解説

1. 次の計算をせよ。(S級45秒, A級1分20秒, B級2分, C級2分50秒)

$$\begin{aligned}(1) \quad & \frac{1}{3} - \frac{1}{6} \\ &= \frac{2}{6} - \frac{1}{6} \\ &= \frac{1}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{1}{2} - \frac{1}{5} \\ &= \frac{5}{10} - \frac{2}{10} \\ &= \frac{3}{10}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{5}{6} - \frac{1}{2} \\ &= \frac{5}{6} - \frac{3}{6} \\ &= \frac{2}{6} \\ &= \frac{1}{3}\end{aligned}$$

$$\begin{aligned}(4) \quad & \frac{3}{5} - \frac{1}{6} \\ &= \frac{18}{30} - \frac{5}{30} \\ &= \frac{13}{30}\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{7}{8} - \frac{1}{6} \\ &= \frac{21}{24} - \frac{4}{24} \\ &= \frac{17}{24}\end{aligned}$$

$$\begin{aligned}(6) \quad & \frac{3}{4} - \frac{7}{12} \\ &= \frac{9}{12} - \frac{7}{12} \\ &= \frac{2}{12} \\ &= \frac{1}{6}\end{aligned}$$

$$\begin{aligned}(7) \quad & \frac{5}{6} - \frac{19}{30} \\ &= \frac{25}{30} - \frac{19}{30} \\ &= \frac{6}{30} \\ &= \frac{1}{5}\end{aligned}$$

$$\begin{aligned}(8) \quad & \frac{13}{15} - \frac{5}{12} \\ &= \frac{52}{60} - \frac{25}{60} \\ &= \frac{27}{60} \\ &= \frac{9}{20}\end{aligned}$$

2. 次の計算をせよ。(S級45秒, A級1分20秒, B級2分, C級2分50秒)

$$\begin{aligned}(1) \quad & \frac{1}{2} - \frac{1}{4} \\ &= \frac{2}{4} - \frac{1}{4} \\ &= \frac{1}{4}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{1}{2} - \frac{1}{6} \\ &= \frac{3}{6} - \frac{1}{6} \\ &= \frac{2}{6} \\ &= \frac{1}{3}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{7}{10} - \frac{1}{2} \\ &= \frac{7}{10} - \frac{5}{10} \\ &= \frac{2}{10} \\ &= \frac{1}{5}\end{aligned}$$

$$\begin{aligned}(4) \quad & \frac{4}{5} - \frac{3}{7} \\ &= \frac{28}{35} - \frac{15}{35} \\ &= \frac{13}{35}\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{7}{8} - \frac{5}{6} \\ &= \frac{21}{24} - \frac{20}{24} \\ &= \frac{1}{24}\end{aligned}$$

$$\begin{aligned}(6) \quad & \frac{3}{4} - \frac{5}{12} \\ &= \frac{9}{12} - \frac{5}{12} \\ &= \frac{4}{12} \\ &= \frac{1}{3}\end{aligned}$$

$$\begin{aligned}(7) \quad & \frac{5}{6} - \frac{23}{30} \\ &= \frac{25}{30} - \frac{23}{30} \\ &= \frac{2}{30} \\ &= \frac{1}{15}\end{aligned}$$

$$\begin{aligned}(8) \quad & \frac{13}{15} - \frac{9}{20} \\ &= \frac{52}{60} - \frac{27}{60} \\ &= \frac{25}{60} \\ &= \frac{5}{12}\end{aligned}$$