

## 反射テスト 計算 分数の足し算 通分 03

1. 次の計算をせよ. ただし仮分数は帯分数で答えよ. ( 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)  $\frac{1}{3} + \frac{1}{2}$

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

(4)  $\frac{3}{4} + \frac{5}{6}$

(5)  $\frac{3}{10} + \frac{7}{8}$

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

(7)  $\frac{4}{15} + \frac{5}{12}$

(8)  $\frac{5}{6} + \frac{23}{30}$

2. 次の計算をせよ. ただし仮分数は帯分数で答えよ. ( S級50秒, A級1分20秒, B級2分, C級2分50秒 )

(1)  $\frac{1}{4} + \frac{1}{8}$

(2)  $\frac{1}{4} + \frac{1}{6}$

(3)  $\frac{3}{10} + \frac{1}{5}$

(4)  $\frac{3}{4} + \frac{1}{2}$

(5)  $\frac{5}{6} + \frac{3}{8}$

(6)  $\frac{5}{6} + \frac{5}{12}$

(7)  $\frac{8}{15} + \frac{7}{20}$

(8)  $\frac{6}{7} + \frac{26}{35}$

# 反射テスト 計算 分数の足し算 通分 03 解答解説

1. 次の計算をせよ. ただし仮分数は帯分数で答えよ. (S級45秒, A級1分20秒, B級2分, C級2分50秒)

$$\begin{aligned}(1) \quad & \frac{1}{2} + \frac{1}{4} \\ &= \frac{2}{4} + \frac{1}{4} \\ &= \frac{3}{4}\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & \frac{3}{4} + \frac{5}{6} \\ &= \frac{9}{12} + \frac{10}{12} \\ &= \frac{19}{12} \\ &= 1\frac{7}{12}\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{3}{10} + \frac{7}{8} \\ &= \frac{12}{40} + \frac{35}{40} \\ &= \frac{47}{40} \\ &= 1\frac{7}{40}\end{aligned}$$

$$\begin{aligned}(6) \quad & \frac{3}{4} + \frac{7}{12} \\ &= \frac{9}{12} + \frac{7}{12} \\ &= \frac{16}{12} \\ &= \frac{4}{3} \\ &= 1\frac{1}{3}\end{aligned}$$

$$\begin{aligned}(7) \quad & \frac{4}{15} + \frac{5}{12} \\ &= \frac{16}{60} + \frac{25}{60} \\ &= \frac{41}{60}\end{aligned}$$

$$\begin{aligned}(8) \quad & \frac{5}{6} + \frac{23}{30} \\ &= \frac{25}{30} + \frac{23}{30} \\ &= \frac{48}{30} \\ &= \frac{8}{5} \\ &= 1\frac{3}{5}\end{aligned}$$

2. 次の計算をせよ. ただし仮分数は帯分数で答えよ. (S級50秒, A級1分20秒, B級2分, C級2分50秒)

$$\begin{aligned}(1) \quad & \frac{1}{4} + \frac{1}{8} \\ &= \frac{2}{8} + \frac{1}{8} \\ &= \frac{\mathbf{3}}{\mathbf{8}}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{1}{4} + \frac{1}{6} \\ &= \frac{3}{12} + \frac{2}{12} \\ &= \frac{\mathbf{5}}{\mathbf{12}}\end{aligned}$$

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

$$\begin{aligned}(4) \quad & \frac{3}{4} + \frac{1}{2} \\ &= \frac{3}{4} + \frac{2}{4} \\ &= \frac{5}{4} \\ &= \mathbf{1}\frac{\mathbf{1}}{\mathbf{4}}\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{5}{6} + \frac{3}{8} \\ &= \frac{20}{24} + \frac{9}{24} \\ &= \frac{29}{24} \\ &= \mathbf{1}\frac{\mathbf{5}}{\mathbf{24}}\end{aligned}$$

$$\begin{aligned}(6) \quad & \frac{5}{6} + \frac{5}{12} \\ &= \frac{10}{12} + \frac{5}{12} \\ &= \frac{15}{12} \\ &= \frac{5}{4} \\ &= \mathbf{1}\frac{\mathbf{1}}{\mathbf{4}}\end{aligned}$$

$$\begin{aligned}(7) \quad & \frac{8}{15} + \frac{7}{20} \\ &= \frac{32}{60} + \frac{21}{60} \\ &= \frac{\mathbf{53}}{\mathbf{60}}\end{aligned}$$

$$\begin{aligned}(8) \quad & \frac{6}{7} + \frac{26}{35} \\ &= \frac{30}{35} + \frac{26}{35} \\ &= \frac{56}{35} \\ &= \frac{8}{5} \\ &= \mathbf{1}\frac{\mathbf{3}}{\mathbf{5}}\end{aligned}$$