

# 反射テスト 暗算 分数 繰り上がりの足し算 01

1. 次の計算をせよ. ただし仮分数は帯分数にせよ. ( S級 25 秒, A級 40 秒, B級 1 分, C級 1 分 20 秒 )

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

(2)  $\frac{2}{5} + \frac{4}{5}$

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

(4)  $\frac{8}{10} + \frac{5}{10}$

(5)  $\frac{6}{9} + \frac{4}{9}$

(6)  $\frac{5}{12} + \frac{7}{12}$

(7)  $\frac{6}{9} + \frac{8}{9}$

(8)  $\frac{6}{17} + \frac{14}{17}$

(9)  $\frac{3}{4} + \frac{3}{4}$

(10)  $\frac{19}{27} + \frac{16}{27}$

2. 次の計算をせよ. ただし仮分数は帯分数にせよ. ( S級30秒, A級50秒, B級1分10秒, C級1分30秒 )

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

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

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

(4)  $\frac{8}{11} + \frac{5}{11}$

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

(6)  $\frac{1}{12} + \frac{11}{12}$

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

(8)  $\frac{6}{14} + \frac{13}{14}$

(9)  $\frac{8}{9} + \frac{7}{9}$

(10)  $\frac{18}{25} + \frac{16}{25}$

# 反射テスト 暗算 分数 繰り上がりの足し算 01 解答解説

1. 次の計算をせよ. ただし仮分数は帯分数にせよ. ( S級 25秒, A級 40秒, B級 1分, C級 1分 20秒 )

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

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

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

$$\begin{aligned}(4) \quad & \frac{8}{10} + \frac{5}{10} \\ &= \frac{13}{10} \\ &= 1\frac{3}{10}\end{aligned}$$

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

$$\begin{aligned}(6) \quad & \frac{5}{12} + \frac{7}{12} \\ &= \frac{12}{12} \\ &= 1\end{aligned}$$

$$\begin{aligned}(7) \quad & \frac{6}{9} + \frac{8}{9} \\ &= \frac{14}{9} \\ &= 1\frac{5}{9}\end{aligned}$$

$$\begin{aligned}(8) \quad & \frac{6}{17} + \frac{14}{17} \\ &= \frac{20}{17} \\ &= 1\frac{3}{17}\end{aligned}$$

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

$$\begin{aligned}(10) \quad & \frac{19}{27} + \frac{16}{27} \\ &= \frac{35}{27} \\ &= 1\frac{8}{27}\end{aligned}$$

☆別解

約分を習っているなら,

答えは  $1\frac{1}{2}$ .

2. 次の計算をせよ. ただし仮分数は帯分数にせよ. (S級30秒, A級50秒, B級1分10秒, C級1分30秒)

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

$$\begin{aligned}(2) \quad & \frac{4}{5} + \frac{3}{5} \\ &= \frac{7}{5} \\ &= 1\frac{2}{5}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{4}{7} + \frac{4}{7} \\ &= \frac{8}{7} \\ &= 1\frac{1}{7}\end{aligned}$$

$$\begin{aligned}(4) \quad & \frac{8}{11} + \frac{5}{11} \\ &= \frac{13}{11} \\ &= 1\frac{2}{11}\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{5}{8} + \frac{7}{8} \\ &= \frac{12}{8} \\ &= 1\frac{4}{8}\end{aligned}$$

$$\begin{aligned}(6) \quad & \frac{1}{12} + \frac{11}{12} \\ &= \frac{12}{12} \\ &= 1\end{aligned}$$

☆別解

約分を習っているなら,

答えは  $1\frac{1}{2}$ .

$$\begin{aligned}(7) \quad & \frac{5}{10} + \frac{8}{10} \\ &= \frac{13}{10} \\ &= 1\frac{3}{10}\end{aligned}$$

$$\begin{aligned}(8) \quad & \frac{6}{14} + \frac{13}{14} \\ &= \frac{19}{14} \\ &= 1\frac{5}{14}\end{aligned}$$

$$\begin{aligned}(9) \quad & \frac{8}{9} + \frac{7}{9} \\ &= \frac{15}{9} \\ &= 1\frac{6}{9}\end{aligned}$$

$$\begin{aligned}(10) \quad & \frac{18}{25} + \frac{16}{25} \\ &= \frac{34}{25} \\ &= 1\frac{9}{25}\end{aligned}$$

☆別解

約分を習っているなら,

答えは  $1\frac{2}{3}$ .