

# 反射テスト 逆算 分数の足し算 01

1. 次の  をうめよ. ただし仮分数は帯分数にせよ. (S級25秒, A級50秒, B級1分20秒, C級2分)

(1)  $\frac{1}{5} + \boxed{\phantom{00}} = \frac{3}{5}$

(2)  $\frac{4}{6} + \boxed{\phantom{00}} = \frac{5}{6}$

(3)  $\frac{3}{7} + \boxed{\phantom{00}} = \frac{4}{7}$

(4)  $\boxed{\phantom{00}} + \frac{3}{4} = \frac{3}{4}$

(5)  $\boxed{\phantom{00}} + \frac{3}{5} = 1\frac{3}{5}$

(6)  $\boxed{\phantom{00}} + \frac{4}{12} = \frac{9}{12}$

(7)  $\frac{9}{15} + \boxed{\phantom{00}} = \frac{13}{15}$

(8)  $\boxed{\phantom{00}} + \frac{4}{11} = 2\frac{4}{11}$

(9)  $\frac{11}{16} + \boxed{\phantom{00}} = 1$

(10)  $\boxed{\phantom{00}} + 1\frac{4}{5} = 2\frac{1}{5}$

2. 次の  をうめよ. ただし仮分数は帯分数にせよ. ( S級30秒, A級1分, B級1分40秒, C級2分20秒 )

(1)  +  $\frac{2}{5} = 1\frac{3}{5}$

(2)  $\frac{1}{13} +$    $= \frac{8}{13}$

(3)  $\frac{5}{6} +$    $= 1$

(4)  $\frac{6}{17} +$    $= 1\frac{14}{17}$

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

(6)  +  $\frac{4}{20} = \frac{24}{20}$

(7)  $1\frac{6}{18} +$    $= 2\frac{13}{18}$

(8)  +  $2\frac{5}{11} = 3\frac{10}{11}$

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

(10)  +  $1\frac{2}{4} = 2\frac{1}{4}$

# 反射テスト 逆算 分数の足し算 01 解答解説

1. 次の  をうめよ. ただし仮分数は帯分数にせよ. (S級25秒, A級50秒, B級1分20秒, C級2分)

★逆算のイメージ 分数や小数でも, 整数のときと同じようにする.

$$(1) \quad \frac{1}{5} + \boxed{\frac{2}{5}} = \frac{3}{5}$$

$$(2) \quad \frac{4}{6} + \boxed{\frac{1}{6}} = \frac{5}{6}$$

★足し算の逆算は引き算

$$\frac{3}{5} - \frac{1}{5} = \frac{2}{5} \quad \dots\text{答え}$$

★足し算の逆算は引き算

$$\frac{5}{6} - \frac{4}{6} = \frac{1}{6} \quad \dots\text{答え}$$

$$(3) \quad \frac{3}{7} + \boxed{\frac{1}{7}} = \frac{4}{7}$$

$$(4) \quad \boxed{0} + \frac{3}{4} = \frac{3}{4}$$

$$\frac{4}{7} - \frac{3}{7} = \frac{1}{7} \quad \dots\text{答え}$$

$$\frac{3}{4} - \frac{3}{4} = 0 \quad \dots\text{答え}$$

$$(5) \quad \boxed{1} + \frac{3}{5} = 1\frac{3}{5}$$

$$(6) \quad \boxed{\frac{5}{12}} + \frac{4}{12} = \frac{9}{12}$$

$$1\frac{3}{5} - \frac{3}{5} = 1 \quad \dots\text{答え}$$

$$\frac{9}{12} - \frac{4}{12} = \frac{5}{12} \quad \dots\text{答え}$$

$$(7) \quad \frac{9}{15} + \boxed{\frac{4}{15}} = \frac{13}{15}$$

$$(8) \quad \boxed{2} + \frac{4}{11} = 2\frac{4}{11}$$

$$\frac{13}{15} - \frac{9}{15} = \frac{4}{15} \quad \dots\text{答え}$$

$$2\frac{4}{11} - \frac{4}{11} = 2 \quad \dots\text{答え}$$

$$(9) \quad \frac{11}{16} + \boxed{\frac{5}{16}} = 1$$

$$(10) \quad \boxed{\frac{2}{5}} + 1\frac{4}{5} = 2\frac{1}{5}$$

$$1 - \frac{11}{16} = \frac{16}{16} - \frac{11}{16} \\ = \frac{5}{16} \quad \dots\text{答え}$$

$$2\frac{1}{5} - 1\frac{4}{5} = 1\frac{6}{5} - 1\frac{4}{5} \quad \leftarrow \text{★くり下がり} \\ = \frac{2}{5} \quad \dots\text{答え}$$

2. 次の  をうめよ. ただし仮分数は帯分数にせよ. (S級30秒, A級1分, B級1分40秒, C級2分20秒)

$$(1) \quad \boxed{1\frac{1}{5}} + \frac{2}{5} = 1\frac{3}{5}$$

$$(2) \quad \frac{1}{13} + \boxed{\frac{7}{13}} = \frac{8}{13}$$

★足し算の逆算は **引き算**

$$1\frac{3}{5} - \frac{2}{5} = 1\frac{1}{5} \quad \dots\text{答え}$$

★足し算の逆算は **引き算**

$$\frac{8}{13} - \frac{1}{13} = \frac{7}{13} \quad \dots\text{答え}$$

$$(3) \quad \frac{5}{6} + \boxed{\frac{1}{6}} = 1$$

$$(4) \quad \frac{6}{17} + \boxed{1\frac{8}{17}} = 1\frac{14}{17}$$

$$1 - \frac{5}{6} = \frac{1}{6} \quad \dots\text{答え}$$

$$1\frac{14}{17} - \frac{6}{17} = 1\frac{8}{17} \quad \dots\text{答え}$$

$$(5) \quad \boxed{\frac{1}{4}} + \frac{2}{4} = \frac{3}{4}$$

$$(6) \quad \boxed{1} + \frac{4}{20} = \frac{24}{20}$$

$$\frac{3}{4} - \frac{2}{4} = \frac{1}{4} \quad \dots\text{答え}$$

$$\frac{24}{20} - \frac{4}{20} = \frac{20}{20} = 1 \quad \dots\text{答え}$$

$$(7) \quad 1\frac{6}{18} + \boxed{1\frac{7}{18}} = 2\frac{13}{18}$$

$$(8) \quad \boxed{1\frac{5}{11}} + 2\frac{5}{11} = 3\frac{10}{11}$$

$$2\frac{13}{18} - 1\frac{6}{18} = 1\frac{7}{18} \quad \dots\text{答え}$$

$$3\frac{10}{11} - 2\frac{5}{11} = 1\frac{5}{11} \quad \dots\text{答え}$$

$$(9) \quad \frac{2}{3} + \boxed{\frac{1}{3}} = 1$$

$$(10) \quad \boxed{\frac{3}{4}} + 1\frac{2}{4} = 2\frac{1}{4}$$

$$1 - \frac{2}{3} = \frac{3}{3} - \frac{2}{3} \\ = \frac{1}{3} \quad \dots\text{答え}$$

$$2\frac{1}{4} - 1\frac{2}{4} = 1\frac{5}{4} - 1\frac{2}{4} \quad \leftarrow \text{★くり下がり} \\ = \frac{3}{4} \quad \dots\text{答え}$$