

	年	月	日	名前		点
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分数① 帯分数 (異分母) のたし算 2

1問8点 (減点法)

1)

$$2\frac{2}{5} + 1\frac{1}{4} = \frac{12}{5} + \frac{5}{4}$$

$$= \frac{48}{20} + \frac{25}{20}$$

$$= \frac{73}{20}$$

4)

$$3\frac{1}{2} + 1\frac{5}{12} = \frac{7}{2} + \frac{17}{12}$$

$$= \frac{42}{12} + \frac{27}{12}$$

$$= \frac{59}{12}$$

2)

$$1\frac{1}{6} + 1\frac{3}{8} = \frac{7}{6} + \frac{11}{8}$$

$$= \frac{28}{24} + \frac{33}{24}$$

$$= \frac{61}{24}$$

5)

$$3\frac{1}{2} + 1\frac{5}{6} = \frac{7}{2} + \frac{11}{6}$$

$$= \frac{21}{6} + \frac{11}{6}$$

$$= \frac{\cancel{32} 16}{\cancel{6} 3}$$

$$= \frac{16}{3}$$

3)

$$2\frac{2}{5} + 1\frac{1}{15} = \frac{12}{5} + \frac{16}{15}$$

$$= \frac{36}{15} + \frac{16}{15}$$

$$= \frac{52}{15}$$

6)

$$2\frac{2}{9} + 1\frac{1}{6} = \frac{20}{9} + \frac{7}{6}$$

$$= \frac{40}{18} + \frac{21}{18}$$

$$= \frac{61}{18}$$

7)

$$\begin{aligned}
 1 \frac{2}{3} + \frac{1}{12} &= \frac{5}{3} + \frac{1}{12} \\
 &= \frac{20}{12} + \frac{1}{12} \\
 &= \frac{\cancel{21}^7}{\cancel{12}_4} \\
 &= \frac{7}{4}
 \end{aligned}$$

10)

$$\begin{aligned}
 1 \frac{1}{6} + 1 \frac{2}{5} &= \frac{7}{6} + \frac{7}{5} \\
 &= \frac{35}{30} + \frac{42}{30} \\
 &= \frac{77}{30}
 \end{aligned}$$

8)

$$\begin{aligned}
 1 \frac{3}{9} + 1 \frac{1}{2} &= \frac{12}{9} + \frac{3}{2} \\
 &= \frac{24}{18} + \frac{27}{18} \\
 &= \frac{\cancel{51}^{17}}{\cancel{18}_6} \\
 &= \frac{17}{6}
 \end{aligned}$$

11)

$$\begin{aligned}
 2 \frac{2}{3} + 1 \frac{2}{7} &= \frac{8}{3} + \frac{9}{7} \\
 &= \frac{56}{21} + \frac{27}{21} \\
 &= \frac{83}{21}
 \end{aligned}$$

9)

$$\begin{aligned}
 1 \frac{1}{8} + 2 \frac{1}{3} &= \frac{9}{8} + \frac{7}{3} \\
 &= \frac{27}{24} + \frac{56}{24} \\
 &= \frac{83}{24}
 \end{aligned}$$

12)

$$\begin{aligned}
 2 \frac{3}{4} + 1 \frac{5}{6} &= \frac{11}{4} + \frac{11}{6} \\
 &= \frac{33}{12} + \frac{22}{12} \\
 &= \frac{55}{12}
 \end{aligned}$$