

	年	月	日	名前		点
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分数⑫ 帯分数 (異分母) のたし算 3

1問8点 (減点法)

1)

$$1\frac{3}{5} + 2\frac{1}{3} = \frac{8}{5} + \frac{7}{3}$$

$$= \frac{24}{15} + \frac{35}{15}$$

$$= \frac{59}{15}$$

4)

$$1\frac{5}{6} + 1\frac{3}{4} = \frac{11}{6} + \frac{7}{4}$$

$$= \frac{22}{12} + \frac{21}{12}$$

$$= \frac{43}{12}$$

2)

$$2\frac{1}{2} + 1\frac{7}{8} = \frac{5}{2} + \frac{15}{8}$$

$$= \frac{20}{8} + \frac{15}{8}$$

$$= \frac{35}{8}$$

5)

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

$$= \frac{24}{10} + \frac{25}{10}$$

$$= \frac{49}{10}$$

3)

$$1\frac{3}{10} + 2\frac{5}{6} = \frac{13}{10} + \frac{17}{6}$$

$$= \frac{39}{30} + \frac{85}{30}$$

$$= \frac{124}{30} = \frac{62}{15}$$

$$= \frac{62}{15}$$

6)

$$3\frac{2}{3} + 1\frac{4}{9} = \frac{11}{3} + \frac{13}{9}$$

$$= \frac{33}{9} + \frac{13}{9}$$

$$= \frac{46}{9}$$

7)

$$\begin{aligned}
 3\frac{1}{2} + 1\frac{1}{9} &= \frac{7}{2} + \frac{10}{9} \\
 &= \frac{63}{18} + \frac{20}{18} \\
 &= \frac{83}{18}
 \end{aligned}$$

10)

$$\begin{aligned}
 1\frac{2}{7} + 1\frac{3}{4} &= \frac{9}{7} + \frac{7}{4} \\
 &= \frac{36}{28} + \frac{49}{28} \\
 &= \frac{85}{28}
 \end{aligned}$$

8)

$$\begin{aligned}
 3\frac{1}{4} + 1\frac{1}{12} &= \frac{13}{4} + \frac{13}{12} \\
 &= \frac{39}{12} + \frac{13}{12} \\
 &= \frac{52}{12} \quad | \cdot 3 \\
 &= \frac{13}{3}
 \end{aligned}$$

11)

$$\begin{aligned}
 2\frac{5}{6} + 1\frac{2}{3} &= \frac{17}{6} + \frac{5}{3} \\
 &= \frac{17}{6} + \frac{10}{6} \\
 &= \frac{27}{6} \quad | \cdot 3 \\
 &= \frac{9}{2}
 \end{aligned}$$

9)

$$\begin{aligned}
 3\frac{1}{3} + 5\frac{1}{2} &= \frac{10}{3} + \frac{11}{2} \\
 &= \frac{20}{6} + \frac{33}{6} \\
 &= \frac{53}{6}
 \end{aligned}$$

12)

$$\begin{aligned}
 1\frac{4}{5} + 2\frac{1}{4} &= \frac{9}{5} + \frac{9}{4} \\
 &= \frac{36}{20} + \frac{45}{20} \\
 &= \frac{81}{20}
 \end{aligned}$$