

	年	月 日	名 前		点
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分数⑮ 帯分数 (異分母) のひき算 3

1問8点 (減点法)

1)

$$3\frac{1}{12} - 2\frac{2}{3} = \frac{37}{12} - \frac{8}{3}$$

$$= \frac{37}{12} - \frac{32}{12}$$

$$= \frac{5}{12}$$

4)

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

$$= \frac{22}{6} - \frac{11}{6}$$

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

2)

$$2\frac{1}{5} - 1\frac{5}{6} = \frac{11}{5} - \frac{11}{6}$$

$$= \frac{66}{30} - \frac{55}{30}$$

$$= \frac{11}{30}$$

5)

$$4\frac{1}{2} - 2\frac{5}{6} = \frac{9}{2} - \frac{17}{6}$$

$$= \frac{27}{6} - \frac{17}{6}$$

$$= \frac{10}{6} = \frac{5}{3}$$

3)

$$3\frac{4}{7} - 1\frac{19}{21} = \frac{25}{7} - \frac{40}{21}$$

$$= \frac{75}{21} - \frac{40}{21}$$

$$= \frac{35}{21} = \frac{5}{3}$$

6)

$$3\frac{7}{12} - 2\frac{7}{8} = \frac{43}{12} - \frac{23}{8}$$

$$= \frac{86}{24} - \frac{69}{24}$$

$$= \frac{17}{24}$$

7)

$$2\frac{1}{4} - 1\frac{7}{10} = \frac{9}{4} - \frac{17}{10}$$

$$= \frac{45}{20} - \frac{34}{20}$$

$$= \frac{11}{20}$$

10)

$$1\frac{4}{15} - \frac{4}{9} = \frac{19}{15} - \frac{4}{9}$$

$$= \frac{57}{45} - \frac{20}{45}$$

$$= \frac{37}{45}$$

8)

$$3\frac{1}{4} - 1\frac{2}{3} = \frac{13}{4} - \frac{5}{3}$$

$$= \frac{39}{12} - \frac{20}{12}$$

$$= \frac{19}{12}$$

11)

$$2\frac{1}{12} - 1\frac{5}{6} = \frac{25}{12} - \frac{11}{6}$$

$$= \frac{25}{12} - \frac{22}{12}$$

$$= \frac{\cancel{3}^1}{\cancel{12}_4}$$

$$= \frac{1}{4}$$

9)

$$4\frac{3}{4} - 2\frac{11}{12} = \frac{19}{4} - \frac{35}{12}$$

$$= \frac{57}{12} - \frac{35}{12}$$

$$= \frac{\cancel{22}^{11}}{\cancel{12}_6}$$

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

12)

$$5\frac{2}{9} - 2\frac{5}{6} = \frac{47}{9} - \frac{17}{6}$$

$$= \frac{94}{18} - \frac{51}{18}$$

$$= \frac{43}{18}$$