

分数9

(異なる分母の分数のたし算・ひき算)

年 組 名前()

次の分数の計算をしましょう。

$$(1) \frac{5}{6} + \frac{11}{12} = \frac{\quad}{12} + \frac{\quad}{12}$$

$$(11) \frac{11}{14} - \frac{1}{4} = \frac{\quad}{28} - \frac{\quad}{28}$$

$$(2) \frac{8}{9} + \frac{7}{12}$$

$$(12) \frac{5}{6} - \frac{1}{3}$$

$$(3) \frac{9}{10} + \frac{5}{8}$$

$$(13) \frac{9}{16} - \frac{1}{6}$$

$$(4) \frac{1}{4} + \frac{9}{10}$$

$$(14) \frac{7}{8} - \frac{3}{20}$$

$$(5) \frac{3}{5} + \frac{3}{10}$$

$$(15) \frac{7}{12} - \frac{2}{5}$$

$$(6) \frac{3}{10} + \frac{5}{6}$$

$$(16) \frac{5}{8} - \frac{1}{2}$$

$$(7) \frac{1}{6} + \frac{2}{3}$$

$$(17) \frac{5}{9} - \frac{7}{18}$$

$$(8) \frac{5}{6} + \frac{7}{8}$$

$$(18) \frac{1}{3} - \frac{1}{9}$$

$$(9) \frac{1}{8} + \frac{1}{2}$$

$$(19) \frac{9}{10} - \frac{2}{5}$$

$$(10) \frac{7}{18} + \frac{1}{6}$$

$$(20) \frac{9}{16} - \frac{1}{8}$$

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次の分数の計算をしましょう。

$$(1) \frac{5}{6} + \frac{11}{12} = \frac{10}{12} + \frac{11}{12} = \frac{21}{12} = \frac{7}{4} \quad (11) \frac{11}{14} - \frac{1}{4} = \frac{22}{28} - \frac{7}{28} = \frac{15}{28}$$

$$(2) \frac{8}{9} + \frac{7}{12} = \frac{32}{36} + \frac{21}{36} = \frac{53}{36} \quad (12) \frac{5}{6} - \frac{1}{3} = \frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

$$(3) \frac{9}{10} + \frac{5}{8} = \frac{36}{40} + \frac{25}{40} = \frac{61}{40} \quad (13) \frac{9}{16} - \frac{1}{6} = \frac{27}{48} - \frac{8}{48} = \frac{19}{48}$$

$$(4) \frac{1}{4} + \frac{9}{10} = \frac{5}{20} + \frac{18}{20} = \frac{23}{20} \quad (14) \frac{7}{8} - \frac{3}{20} = \frac{35}{40} - \frac{6}{40} = \frac{29}{40}$$

$$(5) \frac{3}{5} + \frac{3}{10} = \frac{6}{10} + \frac{3}{10} = \frac{9}{10} \quad (15) \frac{7}{12} - \frac{2}{5} = \frac{35}{60} - \frac{24}{60} = \frac{11}{60}$$

$$(6) \frac{3}{10} + \frac{5}{6} = \frac{9}{30} + \frac{25}{30} = \frac{34}{30} = \frac{17}{15} \quad (16) \frac{5}{8} - \frac{1}{2} = \frac{5}{8} - \frac{4}{8} = \frac{1}{8}$$

$$(7) \frac{1}{6} + \frac{2}{3} = \frac{1}{6} + \frac{4}{6} = \frac{5}{6} \quad (17) \frac{5}{9} - \frac{7}{18} = \frac{10}{18} - \frac{7}{18} = \frac{3}{18} = \frac{1}{6}$$

$$(8) \frac{5}{6} + \frac{7}{8} = \frac{20}{24} + \frac{21}{24} = \frac{41}{24} \quad (18) \frac{1}{3} - \frac{1}{9} = \frac{3}{9} - \frac{1}{9} = \frac{2}{9}$$

$$(9) \frac{1}{8} + \frac{1}{2} = \frac{1}{8} + \frac{4}{8} = \frac{5}{8} \quad (19) \frac{9}{10} - \frac{2}{5} = \frac{9}{10} - \frac{4}{10} = \frac{5}{10} = \frac{1}{2}$$

$$(10) \frac{7}{18} + \frac{1}{6} = \frac{7}{18} + \frac{3}{18} = \frac{10}{18} = \frac{5}{9} \quad (20) \frac{9}{16} - \frac{1}{8} = \frac{9}{16} - \frac{2}{16} = \frac{7}{16}$$