

分数13

(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。

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

$$(11) \frac{8}{9} - \frac{7}{18} = \frac{\quad}{18} - \frac{\quad}{18}$$

$$(2) \frac{1}{6} + \frac{9}{16}$$

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

$$(3) \frac{7}{18} + \frac{2}{12}$$

$$(13) \frac{7}{12} - \frac{1}{4}$$

$$(4) \frac{1}{4} + \frac{5}{6}$$

$$(14) \frac{11}{12} - \frac{8}{9}$$

$$(5) \frac{3}{4} + \frac{11}{18}$$

$$(15) \frac{3}{10} - \frac{1}{8}$$

$$(6) \frac{3}{5} + \frac{9}{10}$$

$$(16) \frac{11}{12} - \frac{2}{5}$$

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

$$(17) \frac{11}{18} - \frac{1}{4}$$

$$(8) \frac{7}{18} + \frac{5}{6}$$

$$(18) \frac{4}{15} - \frac{1}{6}$$

$$(9) \frac{3}{4} + \frac{11}{14}$$

$$(19) \frac{1}{3} - \frac{1}{6}$$

$$(10) \frac{9}{16} + \frac{1}{8}$$

$$(20) \frac{7}{10} - \frac{7}{12}$$

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次の分数の計算をしましょう。

$$(1) \frac{1}{10} + \frac{1}{2} = \frac{1}{10} + \frac{5}{10} = \frac{6}{10} = \frac{3}{5} \quad (11) \frac{8}{9} - \frac{7}{18} = \frac{16}{18} - \frac{7}{18} = \frac{9}{18} = \frac{1}{2}$$

$$(2) \frac{1}{6} + \frac{9}{16} = \frac{8}{48} + \frac{27}{48} = \frac{35}{48} \quad (12) \frac{1}{6} - \frac{1}{12} = \frac{2}{12} - \frac{1}{12} = \frac{1}{12}$$

$$(3) \frac{7}{18} + \frac{2}{12} = \frac{14}{36} + \frac{6}{36} = \frac{20}{36} = \frac{5}{9} \quad (13) \frac{7}{12} - \frac{1}{4} = \frac{7}{12} - \frac{3}{12} = \frac{4}{12} = \frac{1}{3}$$

$$(4) \frac{1}{4} + \frac{5}{6} = \frac{3}{12} + \frac{10}{12} = \frac{13}{12} \quad (14) \frac{11}{12} - \frac{8}{9} = \frac{33}{36} - \frac{32}{36} = \frac{1}{36}$$

$$(5) \frac{3}{4} + \frac{11}{18} = \frac{27}{36} + \frac{22}{36} = \frac{49}{36} \quad (15) \frac{3}{10} - \frac{1}{8} = \frac{12}{40} - \frac{5}{40} = \frac{7}{40}$$

$$(6) \frac{3}{5} + \frac{9}{10} = \frac{6}{10} + \frac{9}{10} = \frac{15}{10} = \frac{3}{2} \quad (16) \frac{11}{12} - \frac{2}{5} = \frac{55}{60} - \frac{24}{60} = \frac{31}{60}$$

$$(7) \frac{1}{6} + \frac{1}{3} = \frac{1}{6} + \frac{2}{6} = \frac{3}{6} = \frac{1}{2} \quad (17) \frac{11}{18} - \frac{1}{4} = \frac{22}{36} - \frac{9}{36} = \frac{13}{36}$$

$$(8) \frac{7}{18} + \frac{5}{6} = \frac{7}{18} + \frac{15}{18} = \frac{22}{18} = \frac{11}{9} \quad (18) \frac{4}{15} - \frac{1}{6} = \frac{8}{30} - \frac{5}{30} = \frac{3}{30} = \frac{1}{10}$$

$$(9) \frac{3}{4} + \frac{11}{14} = \frac{21}{28} + \frac{22}{28} = \frac{43}{28} \quad (19) \frac{1}{3} - \frac{1}{6} = \frac{2}{6} - \frac{1}{6} = \frac{1}{6}$$

$$(10) \frac{9}{16} + \frac{1}{8} = \frac{9}{16} + \frac{2}{16} = \frac{11}{16} \quad (20) \frac{7}{10} - \frac{7}{12} = \frac{42}{60} - \frac{35}{60} = \frac{7}{60}$$