

分数18

(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。

$$(1) \frac{1}{2} + \frac{3}{10} = \frac{\quad}{10} + \frac{\quad}{10}$$

$$(11) \frac{11}{18} - \frac{1}{4} = \frac{\quad}{36} - \frac{\quad}{36}$$

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

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

$$(3) \frac{4}{5} + \frac{1}{10}$$

$$(13) \frac{5}{12} - \frac{7}{18}$$

$$(4) \frac{7}{8} + \frac{3}{4}$$

$$(14) \frac{5}{9} - \frac{1}{6}$$

$$(5) \frac{1}{6} + \frac{4}{9}$$

$$(15) \frac{11}{12} - \frac{1}{10}$$

$$(6) \frac{5}{6} + \frac{1}{2}$$

$$(16) \frac{7}{10} - \frac{4}{15}$$

$$(7) \frac{1}{4} + \frac{3}{18}$$

$$(17) \frac{11}{12} - \frac{4}{15}$$

$$(8) \frac{7}{9} + \frac{8}{15}$$

$$(18) \frac{4}{9} - \frac{1}{12}$$

$$(9) \frac{7}{8} + \frac{9}{16}$$

$$(19) \frac{3}{10} - \frac{1}{6}$$

$$(10) \frac{1}{10} + \frac{7}{12}$$

$$(20) \frac{1}{2} - \frac{3}{8}$$

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次の分数の計算をしましょう。

$$(1) \frac{1}{2} + \frac{3}{10} = \frac{5}{10} + \frac{3}{10} = \frac{8}{10} = \frac{4}{5} \quad (11) \frac{11}{18} - \frac{1}{4} = \frac{22}{36} - \frac{9}{36} = \frac{13}{36}$$

$$(2) \frac{9}{16} + \frac{1}{6} = \frac{27}{48} + \frac{8}{48} = \frac{35}{48} \quad (12) \frac{11}{12} - \frac{2}{5} = \frac{55}{60} - \frac{24}{60} = \frac{31}{60}$$

$$(3) \frac{4}{5} + \frac{1}{10} = \frac{8}{10} + \frac{1}{10} = \frac{9}{10} \quad (13) \frac{5}{12} - \frac{7}{18} = \frac{15}{36} - \frac{14}{36} = \frac{1}{36}$$

$$(4) \frac{7}{8} + \frac{3}{4} = \frac{7}{8} + \frac{6}{8} = \frac{13}{8} \quad (14) \frac{5}{9} - \frac{1}{6} = \frac{10}{18} - \frac{3}{18} = \frac{7}{18}$$

$$(5) \frac{1}{6} + \frac{4}{9} = \frac{3}{18} + \frac{8}{18} = \frac{11}{18} \quad (15) \frac{11}{12} - \frac{1}{10} = \frac{55}{60} - \frac{6}{60} = \frac{49}{60}$$

$$(6) \frac{5}{6} + \frac{1}{2} = \frac{5}{6} + \frac{3}{6} = \frac{8}{6} = \frac{4}{3} \quad (16) \frac{7}{10} - \frac{4}{15} = \frac{21}{30} - \frac{8}{30} = \frac{13}{30}$$

$$(7) \frac{1}{4} + \frac{3}{18} = \frac{9}{36} + \frac{6}{36} = \frac{15}{36} = \frac{5}{12} \quad (17) \frac{11}{12} - \frac{4}{15} = \frac{55}{60} - \frac{16}{60} = \frac{39}{60} = \frac{13}{20}$$

$$(8) \frac{7}{9} + \frac{8}{15} = \frac{35}{45} + \frac{24}{45} = \frac{59}{45} \quad (18) \frac{4}{9} - \frac{1}{12} = \frac{16}{36} - \frac{3}{36} = \frac{13}{36}$$

$$(9) \frac{7}{8} + \frac{9}{16} = \frac{14}{16} + \frac{9}{16} = \frac{23}{16} \quad (19) \frac{3}{10} - \frac{1}{6} = \frac{9}{30} - \frac{5}{30} = \frac{4}{30} = \frac{2}{15}$$

$$(10) \frac{1}{10} + \frac{7}{12} = \frac{6}{60} + \frac{35}{60} = \frac{41}{60} \quad (20) \frac{1}{2} - \frac{3}{8} = \frac{4}{8} - \frac{3}{8} = \frac{1}{8}$$