

分数12

(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。

$$(1) \frac{1}{6} + \frac{2}{15} = \frac{\quad}{30} + \frac{\quad}{30}$$

$$(11) \frac{5}{6} - \frac{5}{8} = \frac{\quad}{24} - \frac{\quad}{24}$$

$$(2) \frac{1}{4} + \frac{1}{2}$$

$$(12) \frac{7}{9} - \frac{7}{18}$$

$$(3) \frac{8}{15} + \frac{1}{12}$$

$$(13) \frac{5}{8} - \frac{9}{16}$$

$$(4) \frac{5}{8} + \frac{9}{20}$$

$$(14) \frac{1}{5} - \frac{1}{12}$$

$$(5) \frac{7}{12} + \frac{5}{6}$$

$$(15) \frac{9}{10} - \frac{1}{4}$$

$$(6) \frac{5}{9} + \frac{2}{3}$$

$$(16) \frac{3}{4} - \frac{1}{18}$$

$$(7) \frac{9}{10} + \frac{1}{6}$$

$$(17) \frac{3}{10} - \frac{2}{15}$$

$$(8) \frac{1}{10} + \frac{3}{4}$$

$$(18) \frac{1}{3} - \frac{1}{6}$$

$$(9) \frac{3}{5} + \frac{7}{10}$$

$$(19) \frac{2}{3} - \frac{5}{9}$$

$$(10) \frac{9}{16} + \frac{3}{8}$$

$$(20) \frac{1}{8} - \frac{1}{12}$$

分数

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$$(1) \frac{1}{6} + \frac{2}{15} = \frac{5}{30} + \frac{4}{30} = \frac{9}{30} = \frac{3}{10} \quad (11) \frac{5}{6} - \frac{5}{8} = \frac{20}{24} - \frac{15}{24} = \frac{5}{24}$$

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

$$(3) \frac{8}{15} + \frac{1}{12} = \frac{32}{60} + \frac{5}{60} = \frac{37}{60} \quad (13) \frac{5}{8} - \frac{9}{16} = \frac{10}{16} - \frac{9}{16} = \frac{1}{16}$$

$$(4) \frac{5}{8} + \frac{9}{20} = \frac{25}{40} + \frac{18}{40} = \frac{43}{40} \quad (14) \frac{1}{5} - \frac{1}{12} = \frac{12}{60} - \frac{5}{60} = \frac{7}{60}$$

$$(5) \frac{7}{12} + \frac{5}{6} = \frac{7}{12} + \frac{10}{12} = \frac{17}{12} \quad (15) \frac{9}{10} - \frac{1}{4} = \frac{18}{20} - \frac{5}{20} = \frac{13}{20}$$

$$(6) \frac{5}{9} + \frac{2}{3} = \frac{5}{9} + \frac{6}{9} = \frac{11}{9} \quad (16) \frac{3}{4} - \frac{1}{18} = \frac{27}{36} - \frac{2}{36} = \frac{25}{36}$$

$$(7) \frac{9}{10} + \frac{1}{6} = \frac{27}{30} + \frac{5}{30} = \frac{32}{30} = \frac{16}{15} \quad (17) \frac{3}{10} - \frac{2}{15} = \frac{9}{30} - \frac{4}{30} = \frac{5}{30} = \frac{1}{6}$$

$$(8) \frac{1}{10} + \frac{3}{4} = \frac{2}{20} + \frac{15}{20} = \frac{17}{20} \quad (18) \frac{1}{3} - \frac{1}{6} = \frac{2}{6} - \frac{1}{6} = \frac{1}{6}$$

$$(9) \frac{3}{5} + \frac{7}{10} = \frac{6}{10} + \frac{7}{10} = \frac{13}{10} \quad (19) \frac{2}{3} - \frac{5}{9} = \frac{6}{9} - \frac{5}{9} = \frac{1}{9}$$

$$(10) \frac{9}{16} + \frac{3}{8} = \frac{9}{16} + \frac{6}{16} = \frac{15}{16} \quad (20) \frac{1}{8} - \frac{1}{12} = \frac{3}{24} - \frac{2}{24} = \frac{1}{24}$$