

- 21(1) $1.2 \times 1.5 - 1.3 = 0.5$
 (2) $9.3 \div 6.2 + 4.2 = 5.7$
 (3) $7.2 - 6.6 \div 4.4 = 5.7$
 (4) $2.9 + 0.8 \times 6.5 = 8.1$
 (5) $0.3 + 3.5 \times 6.6 = 23.4$
 (6) $10.3 - 5.6 \div 0.7 = 2.3$
 (7) $4.6 \times 2.5 \div 0.2 + 1.2 = 58.7$
 (8) $6.2 - 10.8 \div 7.2 \times 3.6 = 0.8$
 (9) $29.4 \div 8.4 + 3.4 \times 2.5 = 12$
 (10) $7.5 \times 4.6 - 4.2 \div 3.5 = 33.3$

- 22(1) $\frac{5}{8} - \frac{1}{4} = \frac{5}{8} - \frac{2}{8} = \frac{3}{8}$
 (2) $\frac{7}{9} - \frac{1}{3} = \frac{7}{9} - \frac{3}{9} = \frac{4}{9}$
 (3) $\frac{1}{2} - \frac{2}{9} = \frac{9}{18} - \frac{4}{18} = \frac{5}{18}$
 (4) $\frac{7}{10} - \frac{1}{4} = \frac{14}{20} - \frac{5}{20} = \frac{9}{20}$
 (5) $\frac{9}{5} - \frac{2}{3} = \frac{27}{15} - \frac{10}{15} = \frac{17}{15}$
 (6) $\frac{13}{6} - \frac{5}{7} = \frac{91}{42} - \frac{30}{42} = \frac{61}{42}$
 (7) $\frac{5}{3} - \frac{5}{4} = \frac{20}{12} - \frac{15}{12} = \frac{5}{12}$
 (8) $\frac{5}{2} - \frac{2}{5} = \frac{25}{10} - \frac{4}{10} = \frac{21}{10}$
 (9) $1\frac{3}{8} - \frac{5}{6} = \frac{11}{8} - \frac{5}{6} = \frac{33}{24} - \frac{20}{24} = \frac{13}{24}$
 (10) $1\frac{2}{7} - \frac{3}{4} = \frac{9}{7} - \frac{3}{4} = \frac{36}{28} - \frac{21}{28} = \frac{15}{28}$

- 23(1) $\frac{1}{4} + \frac{3}{8} + \frac{5}{16} = \frac{4}{16} + \frac{6}{16} + \frac{5}{16} = \frac{15}{16}$
 (2) $\frac{2}{3} - \frac{5}{12} - \frac{1}{6} = \frac{8}{12} - \frac{5}{12} - \frac{2}{12} = \frac{1}{12}$
 (3) $\frac{1}{6} + \frac{2}{3} + \frac{1}{9} = \frac{3}{18} + \frac{12}{18} + \frac{2}{18} = \frac{17}{18}$
 (4) $\frac{3}{5} + \frac{3}{4} + \frac{1}{10} = \frac{12}{20} + \frac{15}{20} + \frac{2}{20} = \frac{29}{20}$
 (5) $\frac{7}{8} - \frac{1}{6} - \frac{2}{3} = \frac{21}{24} - \frac{4}{24} - \frac{16}{24} = \frac{1}{24}$
 (6) $\frac{3}{4} - \frac{1}{2} - \frac{1}{7} = \frac{21}{28} - \frac{14}{28} - \frac{4}{28} = \frac{3}{28}$
 (7) $\frac{3}{4} + \frac{3}{8} + \frac{1}{2} = \frac{6}{8} + \frac{3}{8} + \frac{4}{8} = \frac{13}{8}$
 (8) $\frac{5}{6} - \frac{1}{5} - \frac{1}{15} = \frac{25}{30} - \frac{6}{30} - \frac{2}{30} = \frac{17}{30}$
 (9) $\frac{2}{3} + \frac{4}{15} + \frac{3}{10} = \frac{20}{30} + \frac{8}{30} + \frac{9}{30} = \frac{37}{30}$
 (10) $\frac{13}{15} - \frac{7}{20} - \frac{1}{3} = \frac{52}{60} - \frac{21}{60} - \frac{20}{60} = \frac{11}{60}$

- 24(1) $\frac{2}{9} \times 4 = \frac{8}{9}$
 (2) $\frac{2}{5} \times 2 = \frac{4}{5}$

- (3) $\frac{1}{4} \times 3 = \frac{3}{4}$
 (4) $\frac{2}{7} \times 3 = \frac{6}{7}$
 (5) $\frac{5}{6} \times 4 = \frac{10}{3}$
 (6) $\frac{3}{8} \times 2 = \frac{3}{4}$
 (7) $\frac{5}{4} \times 6 = \frac{15}{2}$
 (8) $\frac{1}{9} \times 3 = \frac{1}{3}$
 (9) $\frac{1}{2} \times 4 = 2$
 (10) $\frac{4}{3} \times 6 = 8$

- 25(1) $\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$
 (2) $\frac{1}{4} \times \frac{3}{5} = \frac{3}{20}$
 (3) $\frac{5}{7} \times \frac{3}{4} = \frac{15}{28}$
 (4) $\frac{5}{6} \times \frac{5}{3} = \frac{25}{18}$
 (5) $\frac{1}{6} \times \frac{6}{7} = \frac{1}{7}$
 (6) $\frac{3}{10} \times \frac{5}{8} = \frac{3}{16}$
 (7) $\frac{3}{4} \times \frac{8}{5} = \frac{6}{5}$
 (8) $\frac{10}{7} \times \frac{14}{5} = 4$
 (9) $\frac{5}{16} \times \frac{8}{15} = \frac{1}{6}$
 (10) $\frac{4}{5} \times \frac{5}{4} = 1$

- 26(1) $\frac{3}{4} \times \frac{1}{2} \times \frac{4}{3} = \frac{1}{2}$
 (2) $\frac{3}{7} \times \frac{2}{5} \times \frac{5}{6} = \frac{1}{7}$
 (3) $\frac{3}{8} \times \frac{4}{3} \times \frac{4}{7} = \frac{2}{7}$
 (4) $\frac{5}{9} \times \frac{6}{7} \times \frac{7}{4} = \frac{5}{6}$
 (5) $\frac{2}{5} \times \frac{3}{10} \times \frac{5}{6} = \frac{1}{10}$
 (6) $\frac{5}{12} \times \frac{4}{7} \times \frac{8}{5} = \frac{8}{21}$
 (7) $\frac{5}{2} \times \frac{3}{10} \times \frac{7}{6} = \frac{7}{8}$
 (8) $\frac{7}{15} \times \frac{3}{4} \times \frac{9}{7} = \frac{9}{20}$
 (9) $\frac{2}{3} \times \frac{4}{3} \times \frac{9}{8} = 1$
 (10) $\frac{20}{3} \times \frac{4}{5} \times \frac{3}{4} = 4$

$$\boxed{27}(1) \frac{5}{6} \div 2 = \frac{5}{6} \times \frac{1}{2} = \frac{5}{12}$$

$$(2) \frac{2}{3} \div 3 = \frac{2}{3} \times \frac{1}{3} = \frac{2}{9}$$

$$(3) \frac{1}{4} \div 5 = \frac{1}{4} \times \frac{1}{5} = \frac{1}{20}$$

$$(4) \frac{5}{2} \div 3 = \frac{5}{2} \times \frac{1}{3} = \frac{5}{6}$$

$$(5) \frac{9}{7} \div 2 = \frac{9}{7} \times \frac{1}{2} = \frac{9}{14}$$

$$(6) \frac{8}{9} \div 4 = \frac{8}{9} \times \frac{1}{4} = \frac{2}{9}$$

$$(7) \frac{3}{5} \div 6 = \frac{3}{5} \times \frac{1}{6} = \frac{1}{10}$$

$$(8) \frac{4}{3} \div 6 = \frac{4}{3} \times \frac{1}{6} = \frac{2}{9}$$

$$(9) \frac{9}{8} \div 3 = \frac{9}{8} \times \frac{1}{3} = \frac{3}{8}$$

$$(10) \frac{7}{6} \div 7 = \frac{7}{6} \times \frac{1}{7} = \frac{1}{6}$$

$$\boxed{28}(1) \frac{4}{5} \div \frac{3}{5} \div \frac{7}{3} = \frac{4}{5} \times \frac{5}{3} \times \frac{3}{7} = \frac{4}{7}$$

$$(2) \frac{5}{7} \div \frac{2}{3} \div \frac{5}{4} = \frac{5}{7} \times \frac{3}{2} \times \frac{4}{5} = \frac{6}{7}$$

$$(3) \frac{3}{4} \div \frac{2}{9} \div \frac{9}{8} = \frac{3}{4} \times \frac{9}{2} \times \frac{8}{9} = 3$$

$$(4) \frac{5}{7} \div \frac{3}{8} \div \frac{5}{2} = \frac{5}{7} \times \frac{8}{3} \times \frac{2}{5} = \frac{16}{21}$$

$$(5) \frac{7}{10} \div \frac{4}{5} \div \frac{7}{2} = \frac{7}{10} \times \frac{5}{4} \times \frac{2}{7} = \frac{1}{4}$$

$$(6) \frac{5}{3} \div \frac{3}{10} \div \frac{5}{9} = \frac{5}{3} \times \frac{10}{3} \times \frac{9}{5} = 10$$

$$(7) \frac{3}{16} \div \frac{5}{6} \div \frac{3}{8} = \frac{3}{16} \times \frac{6}{5} \times \frac{8}{3} = \frac{3}{5}$$

$$(8) \frac{3}{8} \div \frac{4}{15} \div \frac{5}{4} = \frac{3}{8} \times \frac{15}{4} \times \frac{4}{5} = \frac{9}{8}$$

$$(9) \frac{5}{6} \div \frac{7}{12} \div \frac{10}{21} = \frac{5}{6} \times \frac{12}{7} \times \frac{21}{10} = 3$$

$$(10) \frac{7}{18} \div \frac{14}{15} \div \frac{9}{20} = \frac{7}{18} \times \frac{15}{14} \times \frac{20}{9} = \frac{25}{27}$$

$$\boxed{29}(1) \left(\frac{1}{3} + \frac{1}{2}\right) \times 6 = \frac{1}{3} \times 6 + \frac{1}{2} \times 6 = 2 + 3 = 5$$

$$(2) \left(\frac{2}{5} + \frac{2}{3}\right) \times 15 = \frac{2}{5} \times 15 + \frac{2}{3} \times 15 = 6 + 10 = 16$$

$$(3) \left(\frac{1}{2} - \frac{1}{4}\right) \times 8 = \frac{1}{2} \times 8 - \frac{1}{4} \times 8 = 4 - 2 = 2$$

$$(4) 9 \times \left(\frac{5}{6} - \frac{1}{3}\right) = 9 \times \frac{5}{6} - 9 \times \frac{1}{3} = \frac{15}{2} - 3 = \frac{9}{2}$$

$$(5) \frac{2}{5} \times 3 + \frac{2}{5} \times 2 = \frac{2}{5} \times (3+2) = \frac{2}{5} \times 5 = 2$$

$$(6) \frac{5}{3} \times 4 + \frac{5}{3} \times 5 = \frac{5}{3} \times (4+5) = \frac{5}{3} \times 9 = 15$$

$$(7) \frac{3}{4} \times 7 - \frac{3}{4} \times 3 = \frac{3}{4} \times (7-3) = \frac{3}{4} \times 4 = 3$$

$$(8) \frac{3}{10} \times 7 - \frac{3}{10} \times 2 = \frac{3}{10} \times (7-2) = \frac{3}{10} \times 5 = \frac{3}{2}$$

$$(9) \frac{1}{2} \times \frac{1}{5} + \frac{3}{4} \times \frac{1}{5} = \left(\frac{1}{2} + \frac{3}{4}\right) \times \frac{1}{5} = \left(\frac{2}{4} + \frac{3}{4}\right) \times \frac{1}{5} = \frac{5}{4} \times \frac{1}{5} = \frac{1}{4}$$

$$(10) \frac{2}{5} \times \frac{1}{2} + \frac{2}{3} \times \frac{1}{2} = \left(\frac{2}{5} + \frac{2}{3}\right) \times \frac{1}{2} = \left(\frac{6}{15} + \frac{10}{15}\right) \times \frac{1}{2} = \frac{16}{15} \times \frac{1}{2} = \frac{8}{15}$$

$$\boxed{30}(1) 0.1 = \frac{1}{10}$$

$$(2) \frac{2}{5} = 2 \div 5 = 0.4$$

$$(3) 0.57 = \frac{57}{100}$$

$$(4) \frac{43}{100} = 43 \div 100 = 0.43$$

$$(5) 1.9 = \frac{19}{10} \left(= 1\frac{9}{10} \right)$$

$$(6) \frac{1}{2} = 0.5 \text{ であるから } 1\frac{1}{2} = 1 + 0.5 = 1.5$$

$$(7) 0.8 = \frac{8}{10} = \frac{4}{5}$$

$$(8) \frac{21}{5} = 21 \div 5 = 4.2$$

$$(9) 2.75 = \frac{275}{100} = \frac{11}{4} \left(= 2\frac{3}{4} \right)$$

$$(10) \frac{1}{8} = 1 \div 8 = 0.125 \text{ であるから } 3\frac{1}{8} = 3 + 0.125 = 3.125$$