

$$(1) 1\frac{2}{5} \times \left(\frac{5}{7} - \frac{3}{5}\right) \div \frac{4}{25} = \frac{7}{5} \times \left(\frac{25}{35} - \frac{21}{35}\right) \times \frac{25}{4}$$

$$= \frac{7}{5} \times \frac{4}{35} \times \frac{25}{4} = 1$$

$$(2) \left(0.6 + \frac{2}{7}\right) \div 4\frac{3}{7} - \frac{1}{2} \times 0.2$$

$$= \left(\frac{42}{70} + \frac{20}{70}\right) \div \frac{31}{7} - \frac{1}{2} \times \frac{1}{5}$$

$$= \frac{62}{70} \times \frac{7}{31} - \frac{1}{10} = \frac{2}{10} - \frac{1}{10} = \frac{1}{10}$$

$$(3) 17\frac{1}{3} - \left\{3 - 4 \times \left(\frac{1}{2} - \frac{1}{3}\right)\right\}$$

$$= 17\frac{1}{3} - \left\{3 - 4 \times \left(\frac{3}{6} - \frac{2}{6}\right)\right\}$$

$$= 17\frac{1}{3} - \left\{3 - 4 \times \frac{1}{6}\right\}$$

$$= 17\frac{1}{3} - \left(3 - \frac{2}{3}\right) = 17\frac{1}{3} - 2\frac{1}{3} = 15$$

$$(4) 23 \times 7 + (38 - 17) \times x \div 3 - 13 = 246$$

$$161 + 21 \times x \times \frac{1}{3} = 246 + 13$$

$$7 \times x = 259 - 161$$

$$x = 98 \times \frac{1}{7}$$

$$x = 14$$

$$\left. \begin{array}{l} 7 \times x = 259 - 161 \\ x = 98 \times \frac{1}{7} \end{array} \right\} \times \frac{1}{7}$$

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

$$= 1 + \frac{8}{6} \times \frac{3}{2} = 3$$

$$(2) 0.36 \div 0.25 + 1.25 \times \frac{3}{5} \times 0.08$$

$$= \frac{36}{100} \div \frac{1}{4} + 1\frac{1}{4} \times \frac{3}{5} \times \frac{8}{100} = \frac{36}{100} \times \frac{4}{1} + \frac{5}{4} \times \frac{3}{5} \times \frac{8}{100}$$

$$= \frac{36}{25} + \frac{3}{50} = 1\frac{22}{50} + \frac{3}{50} = 1\frac{25}{50} = 1\frac{1}{2} \text{ (1.5)}$$

$$(3) 2\frac{4}{9} \div 1\frac{3}{8} \times 1\frac{1}{5} - 2\frac{2}{5} \times 0.3 \div 0.8$$

$$= \frac{22}{9} \times \frac{8}{14} \times \frac{6}{5} - \frac{12}{5} \times \frac{3}{10} \times \frac{5}{4}$$

$$= \frac{32}{15} - \frac{9}{10} = \frac{64}{30} - \frac{27}{30} = \frac{37}{30} = 1\frac{7}{30}$$

$$(4) 1\frac{5}{19} \times \left(\frac{5}{7} \div x - 1\right) = \frac{12}{133}$$

$$\frac{24}{19} \times \left(\frac{5}{7} \div x - 1\right) = \frac{12}{133}$$

$$\frac{5}{7} \div x - 1 = \frac{12}{133} \times \frac{19}{24} \times \frac{19}{24}$$

$$\frac{5}{7} \div x = \frac{1}{14} + 1$$

$$x = \frac{5}{7} \div \frac{15}{14} = \frac{5}{7} \times \frac{14}{15} = \frac{2}{3}$$

$$(1) 16.8 \div 0.7 - 306 \times 0.3 \div 5.4$$

$$= \frac{168}{10_1} \times \frac{10_1}{7_1} - 306 \times \frac{3}{10_1} \times \frac{10_1}{54_{18_1}} = 24 - 17 = 7$$

$$(2) \left(\frac{3}{4} - \frac{2}{3}\right) \div \frac{5}{6} - \frac{2}{5} \times 0.25 = \left(\frac{9}{12} - \frac{8}{12}\right) \times \frac{6}{5} - \frac{2}{5} \times \frac{1}{4_2}$$

$$= \frac{1}{12_2} \times \frac{6_1}{5} - \frac{1}{10} = \frac{1}{10} - \frac{1}{10} = 0$$

$$(3) 8 \times 2.25 - 5\frac{1}{3} \times 0.125 \div \frac{1}{4} + 2 \div 0.16$$

$$= 8 \times 2\frac{1}{4} - \frac{16}{3} \times \frac{1}{8} \div \frac{1}{4} + \frac{2}{1} \div \frac{16}{100}$$

$$= \frac{8^2}{1} \times \frac{9}{4_1} - \frac{16^2}{3} \times \frac{1}{8_1} \times \frac{4}{1} + \frac{2}{1} \times \frac{100}{16_2^{25}}$$

$$= 18 - \frac{8}{3} + \frac{25}{2} = 18 - 2\frac{2}{3} + 12\frac{1}{2} = 18 - 2\frac{4}{6} + 12\frac{3}{6} = 27\frac{5}{6}$$

$$(4) \frac{19}{28} - \left(1\frac{2}{7} - x\right) \div 4 = \frac{1}{2}$$

$$\times \frac{4}{1} \left(\begin{array}{l} \left(1\frac{2}{7} - x\right) \times \frac{1}{4} = \frac{19}{28} - \frac{14}{28} \\ 1\frac{2}{7} - x = \frac{5}{28} \times \frac{4}{1} \end{array} \right.$$

$$x = 1\frac{8}{28} - \frac{20}{28}$$

$$x = \frac{16^4}{28_7} = \frac{4}{7}$$

$$(1) \frac{3}{4} + \left(1\frac{5}{16} - \frac{3}{4}\right) \div 0.75$$

$$= \frac{3}{4} + \left(1\frac{5}{16} - \frac{12}{16}\right) \times \frac{4}{3}$$

$$= \frac{3}{4} + \frac{3^3}{16_4} \times \frac{4}{3_1}$$

$$= \frac{3}{4} + \frac{3}{4} = \frac{6}{4} = 1\frac{1}{2}$$

$$(2) 9 + 1\frac{1}{5} \div 0.6 - 0.8 \times 2.5$$

$$= 9 + \frac{6^2}{5_1} \times \frac{5^1}{3_1} - \frac{4^2}{8_1} \times \frac{5^1}{5_1}$$

$$= 9 + 2 - 2 = 9$$

$$(3) \left(3\frac{1}{12} - 1\frac{11}{24} + 2.625\right) \div \left(5\frac{4}{5} + 2.9 - 1\frac{9}{20}\right)$$

$$= \left(3\frac{2}{24} - 1\frac{11}{24} + 2\frac{15}{24}\right) \div \left(5\frac{16}{20} + 2\frac{18}{20} - 1\frac{9}{20}\right)$$

$$= 4\frac{6^1}{24_4} \div 6\frac{25^5}{20_4}$$

$$= \frac{17}{4_1} \times \frac{4^1}{29} = \frac{17}{29}$$

$$(4) x \div 23.4 = 12.8 \cdots 0.48$$

$$x - 0.48 = 23.4 \times 12.8$$

$$x = 23.4 \times 12.8 + 0.48$$

$$x = 299.52 + 0.48$$

$$x = 300$$

わられる数は わる数×商+余り
