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- / (1) $33 - (9 \times 8 - 2) \div (11 - 2 \times 3) = \square$
 (2) $(\square - 7 \times 2 + 8) \times (70 - 16 \times 4) = 390$
 (3) $1\frac{1}{3} \times \left(1\frac{3}{4} + \frac{3}{8}\right) - \left\{1.75 \times \left(0.75 - \frac{2}{7}\right) + 0.625 \div 0.6\right\} = \square$
 (4) $2 + 5 + 8 + \cdots + 47 + 50 = \square$

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- / (1) $19 - 9 \div (2 + 1) \times 6 = \square$
 (2) $(0.25 \div 0.625 + 0.1) \times 2 = \square$
 (3) $2\frac{1}{3} \times 2.4 - \left\{\left(0.6 + \frac{1}{5}\right) \div 4 + 1\frac{2}{5}\right\} = \square$
 (4) $0.125 \times 4.8 - 0.16 \div \frac{2}{5} + 0.8 = \square$
 (5) $\frac{3}{4} : \square = \frac{3}{5} : 4$
 (6) $81 + 83 + 85 + 87 + 89 + 91 + 93 + 95 + 97 + 99 = \square$
 (7) $\left(60 - \square \times \frac{2}{3}\right) \div 1\frac{3}{5} = 20$

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- / (1) $68.2 - 45.6 \div 7.6 \times 3.7 = \square$
 (2) $3\frac{2}{5} + \left(1\frac{1}{6} \times \frac{9}{14} - \frac{1}{12}\right) \div 2\frac{1}{2} = \square$
 (3) $\left(\square + 1\frac{1}{2}\right) \div \left(\frac{1}{3} + \frac{1}{2}\right) = 2$

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- / (1) $18 + 6 \div 2 = \square$
 (2) $(17 - 8) - 9 \div 3 = \square$
 (3) $0.582 \div 0.006 = \square$
 (4) $\frac{1}{3} + \frac{5}{9} \div \frac{2}{3} = \square$
 (5) $3 + (0.8 + \square) \div \frac{3}{5} = 7.5$

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- / (1) $11 \times (17 - 5 \times 3)$
 (2) $52.25 - 2.25 \div \left(\frac{4}{5} - \frac{3}{4}\right)$
 (3) $3.2 \times 7 + 1.6 \times 18 - 0.8 \times 24$
 (4) $1\frac{2}{7} \times \left(3.25 - \frac{3}{2}\right) - \frac{5}{8} \div 1.25$

2. (1) $\frac{2}{3} - \left(\square \times 2 - \frac{1}{5}\right) = \frac{1}{2}$

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$$\begin{aligned} 1. (1) & 33 - (9 \times 8 - 2) \div (11 - 2 \times 3) \\ & = 33 - (72 - 2) \div 5 \\ & = 33 - 70 \div 5 = 33 - 14 = \underline{\underline{19}} \end{aligned}$$

$$(2) (\square - \underbrace{7 \times 2}_{\textcircled{14}} + 8) \times (\underbrace{70 - 16 \times 4}_{\textcircled{64}}) = 390$$

$$(\quad) = 390 \div 6 = 65$$

$$\textcircled{1} = 65 - 8 = 57. \quad \square = 57 + 14 = \underline{\underline{71}}$$

$$\begin{aligned} (3) & \frac{1}{3} \times \left(1\frac{3}{4} + \frac{3}{8}\right) - \left\{1.75 \times \left(0.75 - \frac{2}{3}\right) + 0.625 \div 0.6\right\} \\ & = \frac{4}{3} \times \left(\frac{14}{8} + \frac{3}{8}\right) - \left\{\frac{7}{4} \times \left(\frac{3}{4} - \frac{2}{3}\right) + \frac{5}{8} \times \frac{5}{3}\right\} \\ & = \frac{4}{3} \times \frac{17}{8} - \left(\frac{7}{4} \times \frac{13}{24} + \frac{25}{24}\right) \\ & = \frac{17}{6} - \left(\frac{13}{16} + \frac{25}{24}\right) \\ & = \frac{136}{48} - \frac{39 + 50}{48} = \frac{136}{48} - \frac{89}{48} = \underline{\underline{\frac{47}{48}}} \end{aligned}$$

$$(4) \underbrace{2+5+8+\cdots+47+50}_{\substack{3' \quad 3' \quad \quad \quad 3'}} \quad \quad \quad \underbrace{50 \div 3 = 16 \cdots 2}_{\substack{\downarrow \\ 16+1=17}} \rightarrow 50 \text{ 中 } 17 \text{ 番目}$$

$$= (2+50) \times 17 \div 2 = \underline{\underline{442}}$$

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$$1. (1) 19 - 9 \div \underset{3}{(2+1)} \times 6 = 19 - 9 \times \underset{18}{\frac{1}{3}} \times 6 = \underline{\underline{1}}$$

$$(2) (0.25 \div 0.625 + 0.1) \times 2 \\ = \left(\frac{1}{4} \times \frac{8}{5} + 0.1 \right) \times 2 = (0.4 + 0.1) \times 2 = \underline{\underline{1}}$$

$$(3) 2\frac{1}{3} \times 2.4 - \left\{ (0.6 + \frac{1}{5}) \div 4 + 1\frac{2}{5} \right\} \\ = \frac{7}{3} \times \frac{12}{5} - \left(\frac{0.2}{1} \times \frac{1}{4} + 1.4 \right) = 5.6 - 1.6 = \underline{\underline{4}}$$

$$(4) 0.125 \times 4.8 - 0.16 \div \frac{2}{5} + 0.8 \\ = \frac{1}{8} \times \frac{24}{5} - \frac{4}{25} \times \frac{5}{2} + 0.8 = 0.6 - 0.4 + 0.8 = \underline{\underline{1}}$$

$$(5) \frac{3}{4} : \square = \frac{3}{5} : 4 \quad \square \times \frac{3}{5} = \frac{3}{4} \times 4 \quad \square = 3 \div \frac{3}{5} = \underline{\underline{5}}$$

$$(6) 81 + 83 + 85 + 87 + 89 + 91 + 93 + 95 + 97 + 99 \\ = (81 + 99) \times 10 \div 2 = 180 \times 10 \div 2 = \underline{\underline{900}}$$

$$(7) (60 - \square \times \frac{2}{3}) \div 1\frac{3}{5} = 20$$

$$(\quad) = 20 \times \frac{8}{5} = 32$$

$$\square \times \frac{2}{3} = 60 - 32 = 28$$

$$\square = 28 \div \frac{2}{3} = \frac{14}{1} \times \frac{3}{2} = \underline{\underline{42}}$$

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1. (1) $68.2 - 45.6 \div 26 \times 3.7$

$$= 68.2 - \frac{\overset{+46}{\cancel{45.6}} \times 3.7}{\underset{\substack{\cancel{4.6} \\ +9}{1}}{}} = 68.2 - 22.2 = \underline{\underline{46}}$$

(2) $3\frac{2}{5} + (1\frac{1}{6} \times \frac{9}{14} - \frac{1}{12}) \div 2\frac{1}{2}$

$$= 3\frac{2}{5} + \left(\frac{\cancel{9}^1}{\cancel{6}_2} \times \frac{\cancel{9}^3}{\cancel{14}_2} - \frac{1}{12} \right) \times \frac{2}{5}$$

$$= 3\frac{2}{5} + \frac{\cancel{8}^2}{\cancel{12}_3} \times \frac{2}{5} = 3\frac{6}{15} + \frac{4}{15} = 3\frac{10}{15} = \underline{\underline{3\frac{2}{3}}}$$

(3) $(\square + 1\frac{1}{2}) \div (\frac{1}{3} + \frac{1}{2}) = 2$

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

$$\square = 1\frac{2}{3} - 1\frac{1}{2} = 1\frac{4}{6} - 1\frac{3}{6} = \underline{\underline{\frac{1}{6}}}$$

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1. (i) $18 + 6 \div 2 = \underline{\underline{21}}$

$$(2) \quad (17-8) - 9 \div 3 = \underline{\underline{6}}$$

$$(3) \quad 0.582 \div 0.006 = \frac{582}{\cancel{1000}} \times \frac{\cancel{1000}}{6} = \underline{\underline{97}}$$

$$(4) \frac{1}{3} + \frac{5}{9} \div \frac{2}{3} = \frac{1}{3} + \frac{5}{\cancel{9}_3} \times \frac{\cancel{3}^1}{2} = \frac{2}{6} + \frac{5}{6} = \underline{\underline{\frac{1}{6}}}$$

$$(5) \quad 3 + (0.8 + \square) \div \frac{3}{5} = 7.5$$

$$\textcircled{2} = 7.5 - 3 = 4.5$$

$$\textcircled{1} = \overset{0.9}{4.5} \times \frac{3}{5} = 2.7$$

$$\square = 2.7 - 0.8 = \underline{\underline{1.9}}$$

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$$1. (1) 11 \times (17 - \underbrace{5 \times 3}_{15}) = 11 \times 2 = \underline{\underline{22}}$$

$$\begin{aligned}(2) & 52.25 - 2.25 \div (\frac{4}{5} - \frac{3}{4}) \\&= 52\frac{1}{4} - 2\frac{1}{4} \div \frac{1}{20} \\&= 52\frac{1}{4} - \frac{9}{1} \times \frac{20}{1} \\&= 52\frac{1}{4} - 45 = \underline{\underline{7\frac{1}{4}}} \quad (7.25)\end{aligned}$$

$$\begin{aligned}(3) & \underline{3.2 \times 7} + \underline{1.6 \times 18} - 0.8 \times 24 \\&= \underline{8 \times 0.4 \times 7} + \underline{8 \times 0.2 \times 18} - \underline{8 \times 0.1 \times 24} \\&= 8 \times (0.4 \times 7 + 0.2 \times 18 - 0.1 \times 24) \\&= 8 \times (\underbrace{2.8 + 3.6}_{6.4} - 2.4) = \underline{\underline{32}}\end{aligned}$$

$$\begin{aligned}(4) & \frac{2}{7} \times (\underbrace{3.25}_{\frac{13}{4}} - \frac{3}{2}) - \frac{5}{8} \div 1.25 \quad (1\frac{1}{4}) \\&= \frac{2}{7} \times (\frac{13}{4} - \frac{6}{4}) - \frac{5}{8} \times \frac{4}{5} \\&= \frac{2}{7} \times \frac{7}{4} - \frac{1}{2} = \frac{1}{2} - \frac{1}{2} = 0\end{aligned}$$

$$2. (1) \frac{2}{3} - (\square \times 2 - \frac{1}{5}) = \frac{1}{2}$$

$$(\quad) = \frac{2}{3} - \frac{1}{2} = \frac{4}{6} - \frac{3}{6} = \frac{1}{6}$$

$$\square \times 2 = \frac{1}{6} + \frac{1}{5} = \frac{5}{30} + \frac{6}{30} = \frac{11}{30}$$

$$\square = \frac{11}{30} \div 2 = \underline{\underline{\frac{11}{60}}}$$