

1. 逆算・応用 その1

あてはまる数を求めなさい。

$$(1) \quad 0.5 \times \square \div 8 \times \left(3 - 3 \times \frac{1}{2}\right) = \frac{7}{32}$$

$$(2) \quad 1.5 \times 2\frac{3}{4} \times \left(\square - 8 \times \frac{1}{12}\right) \div 5 = 5\frac{9}{40}$$

$$(3) \quad 0.25 \times \square \div 4 \times \left(6 - 2 \times \frac{2}{3}\right) = 1\frac{11}{24}$$

$$(4) \quad 1.2 \times \square - \left(\frac{4}{5} - \frac{1}{4}\right) \div \frac{5}{6} = 1.5$$

$$(5) \quad 1.75 \times \square - \left(3\frac{3}{10} - 1\frac{4}{5}\right) \div \frac{3}{7} = 0.875$$

$$(6) \quad \left\{1.8 + \frac{7}{12} \times \left(4\frac{1}{5} - \square\right)\right\} \div \frac{3}{5} = 4\frac{3}{4}$$

$$(7) \quad \left\{2.5 + 2\frac{1}{2} \times \left(3\frac{4}{5} - \square\right)\right\} \div \frac{2}{3} = 8\frac{1}{4}$$

$$(8) \quad 1.25 \times 4\frac{1}{2} \times \left(\square - 6 \times \frac{7}{12}\right) \div 9 = 3\frac{7}{16}$$

2. 逆算・応用 その2

あてはまる数を求めなさい。

$$(1) \quad 0.5 \times 1\frac{2}{3} \times \left(\square - 5 \times \frac{1}{3} \right) \div 10 = \frac{13}{36}$$

$$(2) \quad 1.5 \times \square - \left(2 - 1\frac{1}{2} \right) \div \frac{4}{13} = 0.625$$

$$(3) \quad 0.5 \times 1\frac{2}{5} - \left(1\frac{4}{5} - \square \right) \div \frac{1}{9} = 0.25$$

$$(4) \quad \left\{ 0.4 + 1\frac{2}{5} \times \left(3\frac{1}{5} - \square \right) \right\} \div 1\frac{2}{5} = 1\frac{2}{7}$$

$$(5) \quad 1.5 \times 2\frac{1}{3} \div \square \times \left(3 - 2 \times \frac{11}{18} \right) = 3\frac{1}{9}$$

$$(6) \quad 1.5 \times \square \div 2 \times \left(8 - 5 \times \frac{1}{6} \right) = 10\frac{3}{4}$$

$$(7) \quad 1.25 \div \{ 11 - 3 \div (8 + \square) \} = \frac{3}{26}$$

$$(8) \quad 1.8 \times 2\frac{2}{3} - 6\frac{1}{2} \times \left(1\frac{1}{2} - \square \right) = 0.25$$

3. 逆算・応用 その3

あてはまる数を求めなさい。

$$(1) \quad 0.875 \times 2 \times \left(8 - 3 \times \frac{1}{6}\right) \div \boxed{} = 4\frac{3}{8}$$

$$(2) \quad \left\{0.5 + \frac{2}{3} \times \left(2\frac{1}{4} - \boxed{}\right)\right\} \div \frac{1}{2} = 1\frac{2}{3}$$

$$(3) \quad 2 \times 3 \times \left(\boxed{} - 2 \times \frac{5}{36}\right) \div 2 = 23\frac{1}{6}$$

$$(4) \quad \left\{1.2 + 2\frac{2}{3} \times \left(2\frac{1}{10} - \boxed{}\right)\right\} \div 1\frac{1}{5} = 2\frac{5}{9}$$

$$(5) \quad \left\{1.6 + 1\frac{7}{12} \times \left(4\frac{3}{5} - \boxed{}\right)\right\} \div 1\frac{2}{9} = 5\frac{5}{11}$$

$$(6) \quad 1.25 \times 1\frac{1}{3} \times \left(\boxed{} - 3 \times \frac{5}{9}\right) \div 3 = 3\frac{14}{27}$$

$$(7) \quad 1.6 \times 1\frac{1}{4} - 1\frac{1}{8} \times \left(3\frac{3}{5} - \boxed{}\right) = 0.875$$

$$(8) \quad 1.5 \div \{23 - 7 \div (7 + \boxed{})\} = \frac{1}{15}$$

4. 逆算・応用 その4

あてはまる数を求めなさい。

$$(1) \quad 0.8 \div \{16 - 5 \div (3 + \square)\} = \frac{2}{39}$$

$$(2) \quad 1.5 \times 2\frac{1}{3} \times \left(\square - 4 \times \frac{1}{6}\right) \div 7 = 1\frac{2}{3}$$

$$(3) \quad 1.5 \times 3 \times \left(5 - 2 \times \frac{1}{12}\right) \div \square = 5\frac{7}{16}$$

$$(4) \quad 2 \times 4 \div \square \times \left(6 - 7 \times \frac{1}{6}\right) = 3\frac{13}{15}$$

$$(5) \quad 0.75 \times 1\frac{2}{3} \times \left(9 - 7 \times \frac{2}{3}\right) \div \square = 1\frac{17}{48}$$

$$(6) \quad 2 \times 3\frac{1}{3} \times \left(\square - 8 \times \frac{1}{12}\right) \div 10 = \frac{8}{9}$$

$$(7) \quad 0.75 \times 4 \times \left(\square - 5 \times \frac{1}{2}\right) \div 2 = 9\frac{3}{4}$$

$$(8) \quad 1.75 \times 5 \times \left(\square - 2 \times \frac{3}{4}\right) \div 6 = 8\frac{1}{48}$$

5. 逆算・応用 その5

あてはまる数を求めなさい。

$$(1) \quad 1.5 \times 2\frac{3}{5} - 13 \times \left(\frac{4}{5} - \boxed{} \right) = 3.25$$

$$(2) \quad 1.25 \times 2\frac{2}{5} - (3 - \boxed{}) \div \frac{4}{7} = 1.25$$

$$(3) \quad \left\{ 2.5 + 1\frac{2}{3} \times \left(4\frac{1}{10} - \boxed{} \right) \right\} \div 1\frac{1}{3} = 6\frac{1}{2}$$

$$(4) \quad 1.8 \times 1\frac{1}{2} - 1\frac{2}{5} \times (2 - \boxed{}) = 2$$

$$(5) \quad 1.4 \times 2\frac{1}{2} - 1\frac{4}{7} \times (4 - \boxed{}) = 0.75$$

$$(6) \quad 1.25 \times \boxed{} - \left(3\frac{2}{5} - 2\frac{2}{5} \right) \div \frac{4}{7} = 1.375$$

$$(7) \quad 2 \div \{ 12 - 6 \div (5 + \boxed{}) \} = \frac{7}{40}$$

$$(8) \quad 1.5 \times 2\frac{2}{3} - 1\frac{1}{8} \times \left(3\frac{4}{5} - \boxed{} \right) = 0.625$$

6. 逆算・応用 その6

あてはまる数を求めなさい。

$$(1) \quad 1.6 \times 2\frac{1}{8} - 1\frac{3}{4} \times \left(3\frac{1}{2} - \boxed{}\right) = 1.125$$

$$(2) \quad 0.25 \times 1\frac{3}{4} \div \boxed{} \times \left(5 - 5 \times \frac{1}{3}\right) = \frac{7}{24}$$

$$(3) \quad 2 \times \boxed{} \div 7 \times \left(10 - 7 \times \frac{1}{3}\right) = 4\frac{8}{21}$$

$$(4) \quad 0.5 \times \boxed{} \div 10 \times \left(3 - 2 \times \frac{2}{3}\right) = \frac{19}{48}$$

$$(5) \quad 1.25 \times 4\frac{1}{5} \times \left(\boxed{} - 4 \times \frac{7}{36}\right) \div 7 = 3\frac{11}{12}$$

$$(6) \quad 1.8 \times 1\frac{1}{2} - \left(1\frac{3}{4} - \boxed{}\right) \div \frac{5}{14} = 2$$

$$(7) \quad 2 \times 5 \times \left(10 - 3 \times \frac{5}{36}\right) \div \boxed{} = 13\frac{29}{42}$$

$$(8) \quad 0.875 \times \boxed{} \div 6 \times \left(9 - 4 \times \frac{11}{12}\right) = 3\frac{8}{9}$$

7. 逆算・応用 その7

あてはまる数を求めなさい。

$$(1) \quad 1.8 \times 2\frac{1}{2} - 1\frac{1}{6} \times \left(4\frac{1}{2} - \boxed{}\right) = 2.75$$

$$(2) \quad \left\{1.2 + 1\frac{5}{6} \times \left(2\frac{2}{5} - \boxed{}\right)\right\} \div 1\frac{1}{5} = 3\frac{4}{9}$$

$$(3) \quad 1.75 \times 2\frac{2}{3} \div \boxed{} \times \left(3 - 2 \times \frac{11}{12}\right) = 1\frac{13}{36}$$

$$(4) \quad 1.75 \times 1\frac{2}{5} - \left(3\frac{1}{10} - \boxed{}\right) \div \frac{6}{7} = 1.75$$

$$(5) \quad 2 \times 4 \div \boxed{} \times \left(4 - 7 \times \frac{1}{2}\right) = \frac{2}{5}$$

$$(6) \quad 0.25 \times \boxed{} \div 2 \times \left(10 - 5 \times \frac{1}{2}\right) = 4\frac{5}{16}$$

$$(7) \quad 0.5 \times 1\frac{1}{2} \div \boxed{} \times \left(8 - 8 \times \frac{5}{6}\right) = \frac{1}{5}$$

$$(8) \quad 0.5 \div \left\{20 - 4 \div \left(4 + \boxed{}\right)\right\} = \frac{2}{79}$$

8. 逆算・応用 その8

あてはまる数を求めなさい。

$$(1) \quad 1.25 \times 3 \times \left(3 - 4 \times \frac{5}{18}\right) \div \boxed{} = 1\frac{37}{48}$$

$$(2) \quad 0.25 \times 3\frac{1}{5} \div \boxed{} \times \left(5 - 4 \times \frac{8}{9}\right) = \frac{13}{45}$$

$$(3) \quad 0.5 \times \boxed{} \div 10 \times \left(5 - 8 \times \frac{1}{12}\right) = \frac{13}{45}$$

$$(4) \quad 1.5 \times 4\frac{1}{2} \times \left(5 - 7 \times \frac{2}{3}\right) \div \boxed{} = \frac{9}{28}$$

$$(5) \quad 1.75 \times \boxed{} - \left(2\frac{2}{5} - 2\frac{1}{4}\right) \div \frac{6}{7} = 4.375$$

$$(6) \quad 0.5 \times 2\frac{2}{3} \times \left(9 - 6 \times \frac{13}{18}\right) \div \boxed{} = \frac{7}{9}$$

$$(7) \quad 0.25 \times \frac{2}{3} \times \left(\boxed{} - 3 \times \frac{1}{12}\right) \div 5 = \frac{13}{40}$$

$$(8) \quad 0.75 \times 2\frac{2}{3} - 7 \times (3 - \boxed{}) = 0.25$$

9. 逆算・応用 その9

あてはまる数を求めなさい。

$$(1) \left\{ 0.2 + 1\frac{1}{3} \times \left(2\frac{3}{10} - \square \right) \right\} \div \frac{6}{7} = 3\frac{1}{2}$$

$$(2) 0.2 \div \{ 11 - 3 \div (9 + \square) \} = \frac{1}{54}$$

$$(3) \left\{ 1.4 + 1\frac{3}{4} \times \left(3\frac{3}{5} - \square \right) \right\} \div \frac{1}{2} = 7$$

$$(4) 1.6 \times 2\frac{1}{2} - \left(4\frac{4}{5} - \square \right) \div \frac{4}{7} = 0.5$$

$$(5) 1.6 \times \square - \left(4 - 2\frac{3}{4} \right) \div \frac{5}{9} = 0.75$$

$$(6) 1.4 \times \frac{3}{4} - 1\frac{1}{5} \times \left(2\frac{1}{2} - \square \right) = 0.75$$

$$(7) \left\{ 2.5 + \frac{2}{5} \times \left(\frac{3}{5} - \square \right) \right\} \div 2\frac{1}{5} = 1\frac{1}{5}$$

$$(8) 2 \times 3\frac{1}{2} \times \left(3 - 2 \times \frac{1}{3} \right) \div \square = 2\frac{1}{24}$$

10. 逆算・応用 その10

あてはまる数を求めなさい。

$$(1) \left\{ 0.5 + 1\frac{1}{4} \times \left(\frac{7}{10} - \boxed{} \right) \right\} \div 1\frac{1}{2} = \frac{1}{2}$$

$$(2) 1.6 \times 1\frac{1}{2} - 1\frac{4}{5} \times \left(\frac{7}{10} - \boxed{} \right) = 1.5$$

$$(3) 1.125 \times 3 \div \boxed{} \times \left(10 - 7 \times \frac{3}{4} \right) = 1\frac{25}{32}$$

$$(4) 2 \times 5 \times \left(\boxed{} - 7 \times \frac{2}{9} \right) \div 10 = 4\frac{4}{9}$$

$$(5) 1.5 \times \frac{2}{5} \times \left(7 - 4 \times \frac{11}{36} \right) \div \boxed{} = 1\frac{11}{15}$$

$$(6) 1.8 \times 2\frac{1}{3} - (3 - \boxed{}) \div \frac{5}{6} = 3$$

$$(7) 1.25 \times 1\frac{1}{2} \div \boxed{} \times \left(6 - 5 \times \frac{2}{3} \right) = \frac{5}{7}$$

$$(8) 0.75 \times 1\frac{1}{2} \times \left(10 - 5 \times \frac{1}{2} \right) \div \boxed{} = 4\frac{7}{32}$$

11. 逆算・応用 その11

あてはまる数を求めなさい。

$$(1) \quad 1.375 \times \square \div 3 \times \left(4 - 3 \times \frac{5}{6}\right) = \frac{11}{24}$$

$$(2) \quad 1.875 \times 2\frac{3}{4} \times \left(\square - 8 \times \frac{5}{6}\right) \div 7 = 1\frac{23}{32}$$

$$(3) \quad 1.5 \times 2\frac{3}{4} - \left(3\frac{4}{5} - \square\right) \div \frac{4}{13} = 0.875$$

$$(4) \quad 1.5 \times \square - \left(2 - 1\frac{3}{4}\right) \div \frac{1}{6} = 2.5$$

$$(5) \quad 1.25 \times 2\frac{3}{5} \times \left(\square - 3 \times \frac{5}{12}\right) \div 2 = 7\frac{23}{32}$$

$$(6) \quad \left\{1.75 + 1\frac{1}{3} \times \left(1\frac{7}{10} - \square\right)\right\} \div \frac{5}{6} = 4\frac{1}{2}$$

$$(7) \quad 0.6 \times \square - \left(1\frac{1}{2} - 1\frac{1}{5}\right) \div \frac{6}{7} = 1.25$$

$$(8) \quad 0.875 \times 2\frac{1}{2} \div \square \times \left(8 - 3 \times \frac{1}{6}\right) = 5\frac{15}{32}$$

12. 逆算・応用 その12

あてはまる数を求めなさい。

$$(1) \quad 2 \times 4 \times \left(6 - 2 \times \frac{5}{6}\right) \div \boxed{} = 8\frac{2}{3}$$

$$(2) \quad 1.75 \times 2 \times \left(\boxed{} - 4 \times \frac{1}{6}\right) \div 8 = 1\frac{43}{48}$$

$$(3) \quad \left\{2.4 + 2\frac{1}{12} \times \left(2\frac{3}{5} - \boxed{}\right)\right\} \div \frac{3}{5} = 12\frac{1}{3}$$

$$(4) \quad 0.5 \times 4\frac{1}{5} \div \boxed{} \times \left(3 - 6 \times \frac{7}{36}\right) = \frac{11}{20}$$

$$(5) \quad 1.625 \times 2\frac{2}{3} - 1\frac{1}{6} \times (4 - \boxed{}) = 2.875$$

$$(6) \quad 1.8 \times 2\frac{1}{2} - 3\frac{1}{2} \times \left(2\frac{1}{5} - \boxed{}\right) = 1$$

$$(7) \quad 1 \div \{23 - 8 \div (6 + \boxed{})\} = \frac{2}{45}$$

$$(8) \quad 0.25 \times \boxed{} \div 7 \times \left(3 - 2 \times \frac{3}{4}\right) = \frac{1}{28}$$

13. 逆算・応用 その13

あてはまる数を求めなさい。

$$(1) \left\{ 0.75 + \frac{1}{3} \times \left(2\frac{2}{5} - \square \right) \right\} \div \frac{2}{5} = 3\frac{1}{4}$$

$$(2) \left\{ 1.6 + 2\frac{1}{3} \times \left(\frac{4}{5} - \square \right) \right\} \div \frac{5}{9} = 5\frac{2}{5}$$

$$(3) 0.75 \times 2 \div \square \times \left(6 - 4 \times \frac{19}{36} \right) = 1\frac{11}{24}$$

$$(4) 1.5 \div \{ 13 - 5 \div (3 + \square) \} = \frac{7}{59}$$

$$(5) 0.25 \div \{ 21 - 7 \div (8 + \square) \} = \frac{1}{82}$$

$$(6) 1.75 \times 5 \times \left(8 - 4 \times \frac{5}{12} \right) \div \square = 7\frac{11}{12}$$

$$(7) 1.8 \times \square - \left(1 - \frac{3}{5} \right) \div \frac{2}{11} = 2$$

$$(8) 2 \div \{ 12 - 4 \div (10 + \square) \} = \frac{13}{77}$$

14. 逆算・応用 その14

あてはまる数を求めなさい。

$$(1) \quad 0.6 \times 2\frac{2}{5} - (1 - \square) \div \frac{10}{11} = 1$$

$$(2) \quad 1.4 \times \frac{2}{3} - \left(3\frac{1}{5} - \square\right) \div \frac{12}{13} = 0.5$$

$$(3) \quad 0.5 \div \{19 - 6 \div (4 + \square)\} = \frac{2}{75}$$

$$(4) \quad 0.625 \times 2\frac{2}{5} \times \left(\square - 7 \times \frac{1}{2}\right) \div 4 = 2\frac{1}{16}$$

$$(5) \quad 1 \div \{10 - 8 \div (5 + \square)\} = \frac{5}{46}$$

$$(6) \quad 1.75 \times \frac{1}{5} - (3 - \square) \div \frac{8}{9} = 0.125$$

$$(7) \quad 1.5 \times \square - \left(3 - \frac{1}{2}\right) \div \frac{5}{7} = 0.25$$

$$(8) \quad 1.875 \times 3\frac{2}{5} \times \left(10 - 8 \times \frac{1}{6}\right) \div \square = 11\frac{1}{20}$$

15. 逆算・応用 その15

あてはまる数を求めなさい。

$$(1) \left\{ 0.5 + 1\frac{1}{3} \times \left(1\frac{2}{5} - \square \right) \right\} \div \frac{2}{3} = 3\frac{1}{20}$$

$$(2) 1.5 \times 2\frac{1}{5} - (4 - \square) \div \frac{5}{9} = 1.5$$

$$(3) 1.75 \times \square - (4 - 3) \div \frac{8}{9} = 3.25$$

$$(4) 0.75 \times \square \div 2 \times \left(9 - 6 \times \frac{17}{18} \right) = 2\frac{3}{16}$$

$$(5) 1.5 \times \square \div 4 \times \left(7 - 7 \times \frac{1}{2} \right) = 1\frac{3}{4}$$

$$(6) 1.5 \div \{ 11 - 3 \div (3 + \square) \} = \frac{12}{85}$$

$$(7) 1.25 \times \square \div 10 \times \left(2 - 4 \times \frac{5}{18} \right) = \frac{7}{27}$$

$$(8) 1.8 \times \square - \left(1 - \frac{3}{4} \right) \div \frac{1}{7} = 2.75$$

16. 逆算・応用 その16

あてはまる数を求めなさい。

$$(1) \quad 1.25 \times 3\frac{1}{5} \times \left(3 - 7 \times \frac{7}{18}\right) \div \boxed{} = \frac{5}{18}$$

$$(2) \quad 0.5 \times \boxed{} \div 5 \times \left(9 - 5 \times \frac{2}{3}\right) = 2\frac{4}{15}$$

$$(3) \quad 1.5 \times \boxed{} - \left(3\frac{3}{4} - 1\right) \div \frac{11}{14} = 0.5$$

$$(4) \quad \left\{0.8 + \frac{1}{6} \times \left(1\frac{7}{10} - \boxed{}\right)\right\} \div 2\frac{2}{3} = \frac{5}{16}$$

$$(5) \quad 1.875 \times 1\frac{4}{5} - (1 - \boxed{}) \div \frac{2}{11} = 0.625$$

$$(6) \quad 0.75 \times \boxed{} \div 9 \times \left(3 - 2 \times \frac{5}{6}\right) = \frac{7}{45}$$

$$(7) \quad 1.25 \times 2\frac{4}{5} - (3 - \boxed{}) \div \frac{4}{7} = 1.75$$

$$(8) \quad 1.75 \times 3 \times \left(4 - 5 \times \frac{1}{2}\right) \div \boxed{} = 2\frac{5}{8}$$