

受験算数の計算達人～第8回□を求める計算（逆算）小数編～

氏名： 解答・解説

(1) $9.6 \div (\square + 1.99) \times 3.5 = 10.5$

$\square = 10.5 \div 3.5 = 3$

$9.6 \div (\square + 1.99) = 3$

$\square = 9.6 \div 3 = 3.2$

$\square + 1.99 = 3.2$

$\square = 3.2 - 1.99 = 1.2$

(2) $23.6 - \{17.2 - 3.2 \div (\square - 1.22)\} = 22.4$

$\square = 23.6 - 22.4 = 1.2$

$17.2 - \{3.2 \div (\square - 1.22)\} = 1.2$

$\square = 17.2 - 1.2 = 16$

$3.2 \div (\square - 1.22) = 16$

$\square = 3.2 \div 16 = 0.2$

$\square - 1.22 = 0.2$

$\square = 0.2 + 1.22 = 1.42$

(3) $(3.723 + 4.152) \div \square \div 1.75 = 2$

計算
できる!

$7.875 \div \square \div 1.75 = 2$

$\square = 2 \times 1.75 = 3.5$

$7.875 \div \square = 3.5$

$\square = 7.875 \div 3.5$

$\square = \frac{7\frac{7}{8}}{3\frac{1}{2}} = \frac{63}{8} \div \frac{7}{2} = \frac{9}{4}$

(4) $7.2 \div (\square + 3.99) \times 6.9 = 10.8$

$\square = 10.8 \div 6.9$

$\square = \frac{54}{5} \div \frac{69}{10} = \frac{36}{23}$

$7.2 \div (\square + 3.99) = \frac{36}{23}$

$\square = 7.2 \div \frac{36}{23}$

$\square = \frac{36}{5} \div \frac{36}{23} = \frac{23}{5}$

$\square + 3.99 = \frac{23}{5}$

$\square = \frac{23}{5} - 3.99$

$\square = 4.6 - 3.99 = 0.61$

(5) $6.3 \times \square \times 1.18 - 2.6 \times 2.36 = 23.6$

分配
法則!

$(6.3 \times \square - 2.6 \times 2) \times 1.18 = 23.6$

計算できる!

$(6.3 \times \square - 5.2) \times 1.18 = 23.6$

$\square = 23.6 \div 1.18 = 20$

$6.3 \times \square - 5.2 = 20$

$\square = 20 + 5.2 = 25.2$

$6.3 \times \square = 25.2$

$\square = 25.2 \div 6.3 = 4$