

## Missing Numbers in Equations (A)

What value does each shape represent?

$10 \div \heartsuit = 2$

$35 \div \triangleup = 7$

$5 + \odot = 6$

$35 \div \blacklozenge = 5$

$18 - \odot = 9$

$\square \times 1 = 7$

$\odot - 5 = 7$

$\square + 3 = 11$

$\blacklozenge \times 5 = 15$

$\triangleup + 9 = 10$

$54 \div \triangle = 6$

$45 \div \heartsuit = 5$

$\blacksquare \div 5 = 9$

$36 \div \odot = 4$

$10 - \diamond = 8$

$\blacksquare + 8 = 14$

$6 - \triangle = 3$

$\triangle - 5 = 3$

$6 - \spadesuit = 5$

$\heartsuit \div 7 = 2$

$28 \div \diamond = 7$

$4 + \square = 12$

$\triangleup - 5 = 8$

$\nabla \times 4 = 32$

$\diamond \div 6 = 5$

$8 \div \triangle = 2$

$\diamond - 9 = 7$

$\square - 7 = 9$

$5 \times \square = 15$

$\odot \times 9 = 27$

$\nabla - 2 = 4$

$\square - 5 = 2$

$3 + \square = 12$

$4 + \diamond = 8$

$\square + 3 = 10$

$14 - \nabla = 6$

$\square - 8 = 7$

$\heartsuit - 3 = 3$

$5 \times \diamond = 40$

$9 + \triangle = 14$

## Missing Numbers in Equations (A) Answers

What value does each shape represent?

$10 \div \heartsuit = 2$

$\heartsuit = 5$

$35 \div \triangleup = 7$

$\triangleup = 5$

$5 + \odot = 6$

$\odot = 1$

$35 \div \blacklozenge = 5$

$\blacklozenge = 7$

$18 - \odot = 9$

$\odot = 9$

$\square \times 1 = 7$

$\square = 7$

$\odot - 5 = 7$

$\odot = 12$

$\square + 3 = 11$

$\square = 8$

$\blacklozenge \times 5 = 15$

$\blacklozenge = 3$

$\triangleup + 9 = 10$

$\triangleup = 1$

$54 \div \triangle = 6$

$\triangle = 9$

$45 \div \heartsuit = 5$

$\heartsuit = 9$

$\blacksquare \div 5 = 9$

$\blacksquare = 45$

$36 \div \odot = 4$

$\odot = 9$

$10 - \diamond = 8$

$\diamond = 2$

$\blacksquare + 8 = 14$

$\blacksquare = 6$

$6 - \triangle = 3$

$\triangle = 3$

$\triangle - 5 = 3$

$\triangle = 8$

$6 - \spadesuit = 5$

$\spadesuit = 1$

$\heartsuit \div 7 = 2$

$\heartsuit = 14$

$28 \div \diamond = 7$

$\diamond = 4$

$4 + \square = 12$

$\square = 8$

$\triangleup - 5 = 8$

$\triangleup = 13$

$\nabla \times 4 = 32$

$\nabla = 8$

$\diamond \div 6 = 5$

$\diamond = 30$

$8 \div \triangle = 2$

$\triangle = 4$

$\diamond - 9 = 7$

$\diamond = 16$

$\square - 7 = 9$

$\square = 16$

$5 \times \square = 15$

$\square = 3$

$\odot \times 9 = 27$

$\odot = 3$

$\nabla - 2 = 4$

$\nabla = 6$

$\square - 5 = 2$

$\square = 7$

$3 + \square = 12$

$\square = 9$

$4 + \diamond = 8$

$\diamond = 4$

$\square + 3 = 10$

$\square = 7$

$14 - \nabla = 6$

$\nabla = 8$

$\square - 8 = 7$

$\square = 15$

$\heartsuit - 3 = 3$

$\heartsuit = 6$

$5 \times \diamond = 40$

$\diamond = 8$

$9 + \triangle = 14$

$\triangle = 5$