

Technology Activity

(Use with Lesson 1-3)

Order of Operations

Fill in the blanks with the correct symbol to make each statement true.
Use +, -, ×, ÷, and parentheses to obtain the given solution.

1-20. Sample answers
are given.

$$1. \quad 4 \underline{+} 4 \underline{\div} 4 \underline{-} 4 = 1$$

$$2. \quad 4 \underline{\div} 4 \underline{+} 4 \underline{\div} 4 = 2$$

$$3. \quad (4 \underline{+} 4 \underline{+} 4) \underline{\div} 4 = 3$$

$$4. \quad (4 \underline{-} 4) \underline{\div} 4 \underline{+} 4 = 4$$

$$5. \quad (4 \underline{\times} 4 \underline{+} 4) \underline{\div} 4 = 5$$

$$6. \quad (4 \underline{+} 4) \underline{\div} 4 \underline{+} 4 = 6$$

$$7. \quad 4 \underline{-} 4 \underline{\div} 4 \underline{+} 4 = 7$$

$$8. \quad 4 \underline{+} 4 \underline{+} 4 \underline{-} 4 = 8$$

$$9. \quad 4 \underline{+} 4 \underline{+} 4 \underline{\div} 4 = 9$$

Fill in the blanks with the correct symbol to make each statement true. For some of the following, you may use a decimal point, square roots, and exponents, as well as +, -, ×, ÷, and parentheses to obtain the given solution.

$$10. \quad 4 \underline{+} 4 \underline{+} 4 \underline{\div} \sqrt{4} = 10$$

$$11. \quad 4^2 \underline{-} 4 \underline{-} (4 \underline{\div} 4) = 11$$

$$12. \quad 4^2 \underline{-} 4 \underline{\times} (4 \underline{\div} 4) = 12$$

$$13. \quad 4^2 \underline{-} 4 \underline{+} (4 \underline{\div} 4) = 13$$

$$14. \quad 4 \underline{+} 4 \underline{+} 4 \underline{+} \sqrt{4} = 14$$

$$15. \quad 4^2 \underline{-} 4 \underline{\div} \sqrt{4} \underline{\div} \sqrt{4} = 15$$

$$16. \quad 4 \underline{-} 4 \underline{+} 4 \underline{\times} 4 = 16$$

$$17. \quad 4 \underline{\times} 4 \underline{+} 4 \underline{\div} 4 = 17$$

$$18. \quad 4^2 \underline{+} 4 \underline{-} 4 \underline{\div} \sqrt{4} = 18$$

$$19. \quad 4^2 \underline{+} 4 \underline{-} 4 \underline{\div} 4 = 19$$

$$20. \quad 4 \underline{+} 4^2 \underline{+} 4 \underline{-} 4 = 20$$