Evaluating Expressions (I)

Evaluate each expression using the values given.

1. $v^2 - (v \div v)^4$
   $(v = 5)$

2. $a^2 - 6v \div 1$
   $(a = 10, v = 1)$

3. $7 + x \div x + u^2$
   $(x = 10, u = 3)$

4. $y \div (z \div z) \div 10 \cdot y$
   $(y = 7, z = 7)$

5. $(3 - (u - (8 - u)))^3$
   $(u = 5)$

6. $x \div (2 \div x + 1) - 1$
   $(x = 10)$

7. $zv + 1^3 - v$
   $(z = 9, v = 1)$

8. $7 \div (x + 7 \div 4 \cdot y)$
   $(y = 1, x = 2)$

9. $c - c \div ((7 + y) \div y)$
   $(y = 10, c = 10)$

10. $x \cdot (7 + c) \cdot 3 \div x$
    $(x = 10, c = 10)$

Evaluating Expressions (I) Answers

Evaluate each expression using the values given.

1. $v^2 - (v \div v)^4$
   $(v = 5)$
   $= 24$

2. $a^2 - 6v \div 1$
   $(a = 10, v = 1)$
   $= 94$

3. $7 + x \div x + u^2$
   $(x = 10, u = 3)$
   $= 17$

4. $y \div (z \div z) \div 10 \cdot y$
   $(y = 7, z = 7)$
   $= \frac{49}{10}$

5. $(3 - (u - (8 - u)))^3$
   $(u = 5)$
   $= 1$

6. $x \div (2 \div x + 1) - 1$
   $(x = 10)$
   $= \frac{22}{3}$

7. $zv + 1^3 - v$
   $(z = 9, v = 1)$
   $= 9$

8. $7 \div (x + 7 \div 4 \cdot y)$
   $(y = 1, x = 2)$
   $= \frac{28}{15}$

9. $c - c \div ((7 + y) \div y)$
   $(y = 10, c = 10)$
   $= \frac{70}{17}$

10. $x \cdot (7 + c) \cdot 3 \div x$
    $(x = 10, c = 10)$
    $= 51$