Evaluate Expressions

Name: _____   Score: _____

Evaluate the following expressions for x = 3

$x \div 15 \quad =$ $2x \div 12 \quad =$ $10x \cdot x^2 \quad =$

$-x \cdot x^2 \quad =$ $x \div 2x \quad =$ $x^3 \cdot 20 \quad =$

Evaluate the following expressions for h = 2

$h^{-2} \cdot h^3 \quad =$ $40 \div h^2 \quad =$ $h \cdot 14 \quad =$

$h^5 \div 16 \quad =$ $2h \cdot 10 \quad =$ $h^0 \div 0.5 \quad =$

Evaluate the following expressions for y = 20

$4y \div 8 \quad =$ $25 \div y \quad =$ $y \div 10 \quad =$

$-y \cdot 25 \quad =$ $-y \cdot 15 \quad =$ $y^2 \div 10 \quad =$

Evaluate the following expressions for t = -3

$2t^2 \cdot 5 \quad =$ $27 \cdot t^2 \quad =$ $t^2 \cdot 10 \quad =$

$-4t^2 \div 18 =$ $2t \div 10 \quad =$ $t^3 \div 15 \quad =$

Evaluate the following expressions for v = 0.5

$v^1 \div 2 \quad =$ $3v \div 6 \quad =$ $12 \cdot v^2 \quad =$

$v \cdot 10 \quad =$ $-2v^2 \cdot 10 =$ $v^0 \div 5 \quad =$

Answers

Evaluate the following expressions for x = 3

$x \div 15$ = 0.2	$2x \div 12$ = 0.5	$10x \cdot x^2$ = 270
$-x \cdot x^2$ = -27	$x \div 2x$ = 0.5	$x^3 \cdot 20$ = 540

Evaluate the following expressions for h = 2

$h^{-2} \cdot h^3$ = 2	$40 \div h^2$ = 10	$h \cdot 14$ = 28
$h^5 \div 16$ = 2	$2h \cdot 10$ = 40	$h^0 \div 0.5$ = 2

Evaluate the following expressions for y = 20

$4y \div 8$ = 10	$25 \div y$ = 1.25	$y \div 10$ = 2
$-y \cdot 25$ = -500	$-y \cdot 15$ = -300	$y^2 \div 10$ = 40

Evaluate the following expressions for t = -3

$2t^2 \cdot 5$ = 90	$27 \cdot t^2$ = 243	$t^2 \cdot 10$ = 90
$-4t^2 \div 18$ = -2	$2t \div 10$ = -0.6	$t^3 \div 15$ = -1.8

Evaluate the following expressions for v = 0.5

$v^1 \div 2$ = 0.25	$3v \div 6$ = 0.25	$12 \cdot v^2$ = 3
$v \cdot 10$ = 5	$-2v^2 \cdot 10$ = -5	$v^0 \div 5$ = 0.2