Evaluate Expressions

Name: _____ Score: _____

Evaluate the following expressions for x = 2

$x \div 10 =$ $6x \div 12 =$ $15x \cdot x^2 =$

$-2x \cdot x^2 =$ $x \div 4x =$ $x^3 \cdot 10 =$

Evaluate the following expressions for y = 3

$y^{-2} \cdot y^4 =$ $18 \div y^2 =$ $y \cdot 14 =$

$y^4 \div 9 =$ $2y \cdot 10 =$ $y^0 \div 0.1 =$

Evaluate the following expressions for v = 10

$4v \div 8 =$ $20 \div v^2 =$ $v \div 10 =$

$-v \cdot 15 =$ $-v \cdot -12 =$ $v^2 \div 10 =$

Evaluate the following expressions for t = -2

$2t^2 \cdot 6 =$ $20 \cdot t^2 =$ $t^2 \cdot 30 =$

$-4t^2 \div 10 =$ $2t \div 10 =$ $t^3 \div 10 =$

Evaluate the following expressions for r = 0.2

$2r^1 \div 2 =$ $3r \div 6 =$ $12 \cdot r^2 =$

$r \cdot 20 =$ $-2r^2 \cdot 10 =$ $r^0 \div 2 =$

Answers

Evaluate the following expressions for x = 2

$x \div 10$	=	0.2	$6x \div 12$	=	1	$15x \cdot x^2$	=	60
$-2x \cdot x^2$	=	-16	$x \div 4x$	=	0.25	$x^3 \cdot 10$	=	80

Evaluate the following expressions for y = 3

$y^{-2} \cdot y^4$	=	9	$18 \div y^2$	=	2	$y \cdot 14$	=	42
$y^4 \div 9$	=	9	$2y \cdot 10$	=	60	$y^0 \div 0.1$	=	10

Evaluate the following expressions for v = 10

$4v \div 8$	=	5	$20 \div v^2$	=	0.2	$v \div 10$	=	1
$-v \cdot 15$	=	-150	$-v \cdot -12$	=	120	$v^2 \div 10$	=	10

Evaluate the following expressions for t = -2

$2t^2 \cdot 6$	=	48	$20 \cdot t^2$	=	80	$t^2 \cdot 30$	=	120
$-4t^2 \div 10$	=	-1.6	$2t \div 10$	=	-0.4	$t^3 \div 10$	=	-0.8

Evaluate the following expressions for r = 0.2

$2r^1 \div 2$	=	0.2	$3r \div 6$	=	0.1	$12 \cdot r^2$	=	0.48
$r \cdot 20$	=	4	$-2r^2 \cdot 10$	=	-0.8	$r^0 \div 2$	=	0.5