Card #18

Write an algebraic expression for the word phrase:

9 more than the product of 51 and a number t

Card #3

Estimate to the nearest integer. Show or explain your reasoning.

$$\sqrt{48}$$

Card #12

Simplify the expression:

$$(2^4 - 6)^2$$

Card #15

Simplify the expression:

$$-ab^2 - ab^2$$

Card #5

Evaluate the expression for the given variables:

$$cd^2 + 4$$

When $c = -3$ and $d = 5$

Card #10

Name all subsets of the number:

$$-2$$

Card #4

Simplify the expression:

$$(24 - 24y)\frac{1}{4}$$

Card #9

Evaluate the expression for the given variables.

$$(3c^2 - 3d)^2 - 21$$

When c = -3 and d = 5

Card #8

Write an algebraic expression for the word phrase:

14 less than the quotient of 63and a number h

Card #2

Name all subsets of the number:

$$\sqrt{\dfrac{2}{3}}$$

Card #6

Simplify the expression:

$$-6 - (-3) \cdot (-2)^3$$

Card #13

Which property is illustrated?

$$-8(1) = -8$$

Card #1

Are the following expressions equivalent? Explain.

$$\frac{11t}{(5+7-11)} \qquad and \qquad t$$

Card #17

Simplify the expression:

$$\left(-\frac{1}{6}\right)^2$$

Card #7

Use grouping symbols to make the equation true.

$$4^2 - 5 \cdot 2 + 1 = 1$$

Card #11

Tell whether the ordered pair is a solution to the equation. Show your work!

$$10 - 5x = y; \quad (-4, 10)$$

Card #14

Are the following expressions equivalent? Explain.

$$\frac{81xy}{9x} \quad and \quad 9xy$$

Card #16

Evaluate the expression for the given values:

$$u + 3v^2 - 2u^3$$

When $u = -1$ and $v = -3$