

# Re-Engage

## Unit 5 Lessons 1-2: Represent Expressions and Equations with Models



Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Model

#### Steps:

1. Read and understand the problem.
2. Identify the variable.
3. Look for key words.
4. Construct the expression.

Greg has **two more** than **3 times as many hats** as Edward. Write an algebraic expression to represent the number of hats Greg has.

variable:    hats  $\rightarrow h$

key words: 

<b>3 times as many hats</b> <b>(3h)</b>
--

<b>two more</b> <b>(+2)</b>
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expression:    **3h + 2**

### Structured Guided Practice

**Directions:** Write an expression for each situation.

1. The county fair charges \$15 for admission and \$2 per ticket for every ride. Write an expression to represent the total amount spent by a guest.

variable: \_\_\_\_\_

key words: 

--

--

expression: \_\_\_\_\_

2. Reagan has 3 more than twice as many stickers as Kennedy. Write an expression to represent the number of stickers Reagan has.

variable: \_\_\_\_\_

key words: 

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expression: \_\_\_\_\_

# Re-Engage

## Unit 5 Lessons 1-2: Represent Expressions and Equations with Models



### Student Practice

**Directions:** Write an expression for each situation.

1. A regional park charges \$5 to enter and \$0.50 per ticket to go on rides. Write an expression to represent the total amount spent by a guest.

variable:

\_\_\_\_\_

key words:

--	--

expression:

\_\_\_\_\_

2. Niko has 4 more stars than six times as many stars as Jude. Write an expression to represent the number of stars Niko has.

variable:

\_\_\_\_\_

key words:

--	--

expression:

\_\_\_\_\_

3. Katie earned \$25.00 baby sitting on Friday. She earned some more money on Saturday night. Write an expression that shows how much she earned in total.

variable:

\_\_\_\_\_

key words:

--	--

expression:

\_\_\_\_\_

4. Judy has 3 less than twice as many candies as Rebecca. Write an expression to represent the amount of candies Judy has.

variable:

\_\_\_\_\_

key words:

--	--

expression:

\_\_\_\_\_