

**1<sup>st</sup> 5**      **No Calculator**

**SIMPLIFY**

1.  $3(x+2)$
2.  $-3(x-2)$
3.  $-3(y+2)-2(3-y)$

Numbers Day 6

### Using Variables

- ⊙ A **variable** is a symbol, usually a letter, that represents one or more numbers.

Hours Worked	Pay (dollars)
1	$7.50 \times 1$
2	$7.50 \times 2$
3	$7.50 \times 3$
$h$	$7.50 \times h$

- ⊙ An **algebraic expression** is a mathematical phrase that can include numbers, variables, and operation symbols.

Numbers Day 6

### Using Variables

- ⊙ **Writing an Algebraic Expression**
  - > Seven more than  $n$
  - > The difference of  $n$  and seven
  - > The product of seven and  $n$
  - > The quotient of  $n$  and seven

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### Using variables

- ⊙ **Extra Practice**
  - > 4 more than  $p$
  - > 12 minus  $m$
  - > The quotient of  $n$  and 8
  - > 23 less than  $x$

Numbers Day 6

### Using Variables

- ⊙ **Writing an Algebraic Expression**
  - > Two times a number plus 5
  - > 7 less than three times a number

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### Using Variables

- ⊙ **Extra Practice**
  - > 2 more than twice a number
  - > The product of 5 and a number
  - > A number divided by 82
  - > The sum of 13 and twice a number

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Practice Work # 7  
(PW 7)

◉ Workbook –p. 1 & 2

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