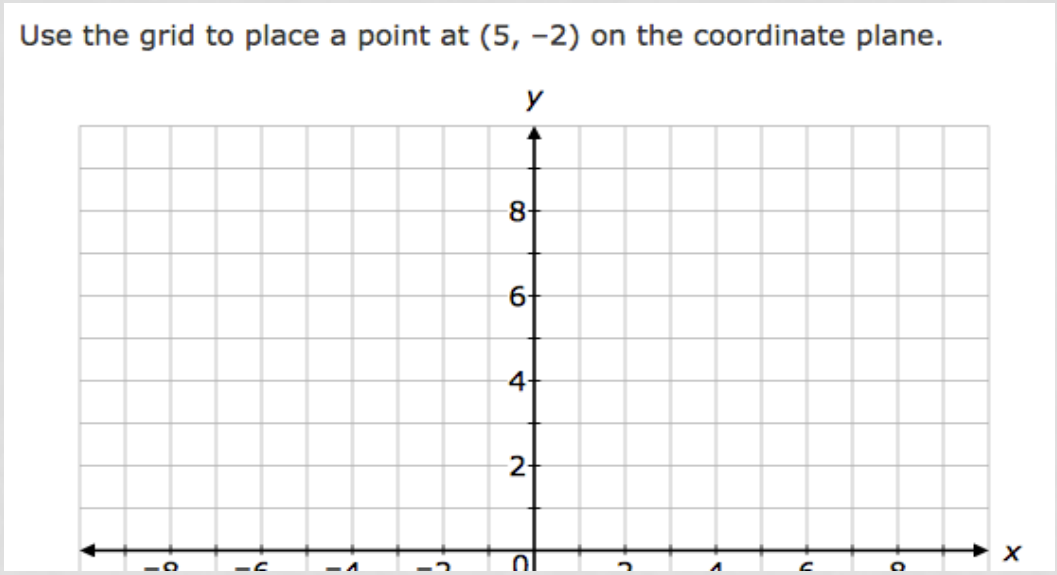
# DAILY REVIEW

- What is an exponent?
- Write 4 x 4 x 4 in exponential form.
- What is PEMDAS?



# EQUATIONS VOCAB- DON'T NEED TO COPY

**Output**

A **variable** is a letter or symbol that represents a quantity that can change. In the table above, $p$ is a variable that stands for any price in 1950. A **constant** is a quantity that does not change. For example, the price of something in 2000 is always 7 times the price in 1950.

An **algebraic expression** contains one or more variables and may contain operation symbols. So $p \times 7$ is an algebraic expression.

| Algebraic Expressions | NOT Algebraic Expressions |
|---|---|
| $150 + y$ | $85 \div 5$ |
| $35 \times w + z$ | $10 + 3 \times 5$ |

To **evaluate** an algebraic expression, substitute a number for the variable and then find the value by simplifying.

# PRACTICE

## Evaluating Algebraic Expressions

**Evaluate each expression to find the missing values in the tables.**

**A**

| $w$ | $w \div 11$ |
|---|---|
| 55 | 5 |
| 66 | |
| 77 | |

*Substitute for $w$ in $w \div 11$.*

$w = 55$; $55 \div 11 = 5$

$w = 66$; $66 \div 11 = 6$

$w = 77$; $77 \div 11 = 7$

The missing values are 6 and 7.

# REMINDERS

- Homework: Worksheet