

Translating Algebraic Expressions
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Algebra

Essential Question:

How do you translate word problems into algebraic expressions?

QCC:

Technology Connection:

I will use PowerPoint to present the some Commonly Used Phrases” in algebraic word problems. This will be conducted for the lecture section of the lesson.

Students will separate into groups and work a computer station to compose their own list of ten word problems for the whole class to work.

Management Strategy:

As each student reports to class, he/she will have an equation on their desk to solve. After solving their equations, they will form groups by the answers to their equation. Students with the same answers will be in the same group.

Materials List:

PowerPoint Presentation
Entrance cards for grouping
Data Sheet of different phrases and meaning used frequently in word problems
Grouping Handout
Group Worksheet
Disk to save all group work on to compile into one worksheet for homework.

Background Information:

Procedures:

- Activating Strategy
PowerPoint Presentation to include classroom discussion using frequently used phrases.
- Teaching Strategy
Group students into pairs using a review of solving equations on note cards. Each student will receive one card and will solve the equation on their card. The persons with the matching note card