

Algebra

10/5

A plane leaves the airport traveling at 564 km/hr. Half an hour later, another plane leaves in the same direction traveling 744 km/hr. How long until the second plane overtakes the first?

Sec. 2-6

Formulas

There are certain equations that we use often in calculation. These formulas are also called "literal equations" if they involve more than one variable.

Since there is more than one variable involved, we often have to change formulas around (which we call "transforming") in order to use it in the way we want.

Solve $ab - d = c$ for b

The formula $C = \frac{5}{9}(F - 32)$ is used to convert from Fahrenheit to Celsius. Transform the formula to be able to convert from Celsius to Fahrenheit and then convert 30 degrees from Celsius to Fahrenheit.

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