



Algebra

Algebra questions are the most common type of questions on the math portion of the SAT. Because of this, test-takers need to know how to effectively solve these questions quickly and easily.

Let's take a look at a sample problem below.

Problem:

$$2(p + 1) + 8(p - 1) = 5p$$

What value of p is the solution of the equation above?

First, let's distribute and expand.

$$2p + 2 + 8p - 8 = 5p$$

Now, let's group like terms and simplify

$$10p - 6 = 5p$$

$$5p = 6$$

Now, we can solve for p .

$$p = \frac{6}{5}$$