

1. If $(x - 7)(x + 3) = 0$, what are the possible values of x ?

Answer:

2. Find the distance between the points $(4, -3)$ and $(1, 1)$

Answer:

3. Simplify the following expressions:

$$a^m a^n =$$

$$(ab)^n =$$

$$(a^m)^n =$$

$$\frac{a^m}{a^n} =$$

4. Simplify using laws of exponents:

$$\sqrt{108} =$$

5. Use the quadratic formula to find the solutions to the equation $x^2 - 3x + 2 = 0$.

Answer:

6. $\sqrt{-1}$ is equal to which of the following: e , i , π , or does not exist?

Answer:

7. What is the equation of the line between the points $(4, -3)$ and $(1, 1)$?

Answer:

8. Simplify: $(5x + 3)(x + 7)$

Answer: