

# What is the solution for this equation $13m-22=9m-6$ . This is a equation with variables on both sides

## Answer 1

$$\text{Answer: } 13m-22=9m-6$$

$$4m-22=-6$$

$$4m=16$$

$$m=4$$

## Answer 2

$$\text{Answer: } 13m-22=9m-6$$

$$13m-9m=22-6 \quad \leftarrow \text{integer signs change when it goes to the other side of the equal to sign}$$

$$4m=16$$

$$m=16/4$$

$$m=4$$

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