

#1

How many solutions does this equation have?

$$4b + 7b + 10 = -2b$$

- infinitely many solutions one solution no solution

Show your work

#2

How many solutions does this equation have?

$$6d - 10d + 5 = -4d$$

- no solution one solution infinitely many solutions

Show your work

#3

How many solutions does this equation have?

$$-5u + 2 = -5u$$

- infinitely many solutions one solution no solution

Show your work

#4

Is this equation an identity?

$$-7a = 2a - 9a$$

 no yes

Show your work

#5

How many solutions does this equation have?

$$7m + 2m - 6 = 9m$$

 infinitely many solutions one solution no solution

Show your work

#6

Is this equation an identity?

$$9y = -4y + 13y$$

 yes no

Show your work

#7

How many solutions does this equation have?

$$8m + 4m + 1 = -1m$$

- one solution no solution infinitely many solutions

Show your work

#8

Is this equation an identity?

$$-7q = 6q - 9q + 9$$

- no yes

Show your work

#9

How many solutions does this equation have?

$$10p - 7p - 1 = 3p$$

- infinitely many solutions no solution one solution

Show your work

#10

How many solutions does this equation have?

$$-9c + 3c + 8 = -6c$$

- infinitely many solutions no solution one solution

Show your work

#11

Is this equation an identity?

$$10t = -5t + 6t + 6$$

- yes no

Show your work

#12

Is this equation an identity?

$$10b = -2b + 12b$$

- no yes

Show your work

Question	Answer
#1	choice 2
#2	choice 1
#3	choice 3
#4	choice 2
#5	choice 3
#6	choice 1
#7	choice 1
#8	choice 1
#9	choice 2
#10	choice 2
#11	choice 2
#12	choice 2