Name:

#1

Is this equation an identity?

$$5w = 9w - 4w$$

○ no ○ yes

Show your work

#2

Is this equation an identity?

$$3b = -7b + 10b$$

○ no ○ yes

Show your work

#3

How many solutions does this equation have?

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

○ infinitely many solutions ○ no solution ○ one solution

Show your work

Math Games

Name:

#4

Is this equation an identity?

$$3b = -7b + 10b$$

○ no   ○ yes

Show your work

#5

How many solutions does this equation have?

$$-4h - 4h = -8h$$

○ one solution   ○ infinitely many solutions   ○ no solution

Show your work

#6

How many solutions does this equation have?

$$6x + 10x - 1 = 3x$$

○ infinitely many solutions   ○ one solution   ○ no solution

Show your work

#7

Is this equation an identity?

$$-4w = -3w + 3w + 6$$

○ yes   ○ no

Show your work

#8

How many solutions does this equation have?

$$-9p + 6p + 3 = -3p$$

○ infinitely many solutions   ○ no solution   ○ one solution

Show your work

#9

How many solutions does this equation have?

$$-9w + 12w - 8 = 3w$$

○ one solution   ○ no solution   ○ infinitely many solutions

Show your work

Math Games

#10

Is this equation an identity?

$$6w = -8w + 14w$$

○ no   ○ yes

Show your work

#11

How many solutions does this equation have?

$$9y + 1y = 10y$$

○ infinitely many solutions   ○ one solution   ○ no solution

Show your work

#12

How many solutions does this equation have?

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

○ infinitely many solutions   ○ one solution   ○ no solution

Show your work

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