



Independent work

Student Name :

Date: 3 -3-2026

Grade 9G2

M7-2: Substitution

Solve by substitution — step by step

$$3x - y = -7$$

$$y = 4x + 11$$

0

score

Which expression should be substituted for y in the first equation?

A $3x + 7$

B $4x + 11$

C $-4x - 11$

D $y - 11$

What equation results after substituting $y = 4x + 11$?

A $3x - 4x + 11 = -7$

B $3x + 4x + 11 = -7$

C $3x - (4x + 11) = -7$

D $3x - 4x - 7 = 11$

What is the result after distributing and combining like terms?

A $7x - 11 = -7$

B $-x - 11 = -7$

C $-x + 11 = -7$

D $-x - 11 = 7$

What is the value of x ?

A $x = 4$

B $x = -4$

C $x = 18$

D $x = -18$

What is the value of y when $x = -4$?

A $y = -5$

B $y = 5$

C $y = 27$

D $y = -27$