Unit 18 Review of Linear Equations – Form C

POST

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Combo · Prd. 3

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$8y = -5$

$\frac{8y}{8} = \frac{-5}{8}$

$y = -0.625$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$\frac{x}{-3} + 4 - 4 = -7 - 4$

$\frac{x}{-3} \cdot -3 = -11 \cdot -3$

$x = 33$

3) Solve for x:

$3x + 2x = 12$

$\frac{5}{5}x = \frac{12}{5}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
~~$6y + (-3) - 3 =$~~ $8y + (-3 - 3) = 2 - 3$ $\frac{8y}{8} = \frac{5}{8}$ $y = 0.625$	I subtracted -3 from both sides then divided 8 from both sides & found the answer

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$8 + (-5y) = -1$

$-8 \quad -8 \quad -5y = -1 - 8$

$\frac{-5y}{-5} = \frac{-9}{-5}$

$y = 9$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-2.3x + 3.2 = 8.9$ $-3.2 \quad -3.2 \quad -2.3x = 8.9 - 3.2$ $\frac{-2.3x}{2.3} = \frac{5.9}{2.3}$ $x = 2.565$	

25.4

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$-7.4 - 7.4 + 25.4x = -24.6 - 7.4$

$\frac{25.4x}{25.4} = \frac{-17.2}{25.4}$

$X = -0.677$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$-6.3y + -4.2 - 4.2 = 9.9 - 4.2$ $\frac{-6.3y}{-6.3} = \frac{14.1}{-6.3}$ $y = 2.238$	First I subtracted -4.2 from 9.9 then I divided -6.3 from 14.1 & got the answer

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

Unit 18 Review of Linear Equations – Form C

Post

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Cont'd. 3

1) Solve for y

$6 + 8y = 1$

$6 + 8y - 6 = 1 - 6$

$\frac{8y}{8} = \frac{-5}{8}$

$y = -0.625$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$\frac{x}{-3} + 4 - 4 = -7 - 4$

$\frac{x}{-3} = -11$

$\frac{x}{-3} \cdot -3 = -11 \cdot -3$

$x = 33$

3) Solve for x:

$3x + 2x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + -3 + 3 = 2 + 3 + 2y + 3$ $6y = 5 + 2y$ $\frac{4y}{4} = \frac{5}{4}$ $y = 1.25$	First Add 3 to both sides Then combine like terms Then divid by 4 And you get $y = 1.25$

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$8 + (-5y) - 8 = -9 - 1 + 4y$

$-5y = -9 + 4y$

$\frac{-1y}{-1} = \frac{-9}{-1}$

$y = 9$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-4.8x + 3.2 - 3.2 = 8.9 + 2.5x$ $-4.8x = 5.7 + 2.5x$ $\frac{-2.3x}{-2.3} = \frac{5.7}{-2.3}$ $x = -2.4782$	Subtract 3.2 Combine like terms Divide by -2.3 Answer: $x = -2.4782$

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$-7.4 + 17.3x + 7.4 = 8.1x + (-24.6) + 7.4$

$17.3x = 8.1x + -17.2$

$\frac{25.4x}{25.4} = \frac{17.2}{25.4}$

$x = .67716$

8) Solve for y:

$1y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$1y + 9.9 - 9.9 = -6.3y + (-4.2) - 9.9$ $1y = -6.3y - 14.1$ $-5.3y = -14.1$ $y = 2.660$	Subtract -9.9 Then combine like terms Divide by -5.3 Answer is $y = 2.660$

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$14x + 10 = -3x$

$14x + 10 - 10 = -3x - 10$

$14x = -3x - 10$

$\frac{11x}{11} = \frac{-10}{11}$

$x = -0.90\overline{90}$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$16.3x + 18.4 + (-5.9x) - 18.4 = -7.5x + 17.3 - 18.4$

$16.3x + (-5.9x) = -7.5x - 1.1$

$11.3x = -7.5x - 1.1$

$\frac{18.8x}{18.8} = \frac{-1.1}{18.8}$

$x = -0.05$

Unit 18 Review of Linear Equations – Form C

DOST

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Conliv. Prd. 3

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$\frac{8y}{8} = \frac{-7}{8}$

$y = -0.875$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$-4 \quad -4$

$\frac{x}{-3} = -11$

$\times 3 \quad \times -3$

$x = 33$

3) Solve for x:

$$\frac{3x}{3} + \frac{2x}{3} = \frac{12}{3}$$

$$\frac{2x}{2} = \frac{4}{2}$$

$$x = 4.2$$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $-6y \quad\quad -6y$ $-3 = 2 + 8y$ $-2 \quad -2$ $-5 = 8y$ $\frac{-5}{8} = \frac{8y}{8}$ $y = -0.625$	Sub. 6y From both sides. Sub. 2 from both sides [illegible] $y = -0.625$

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$+5y \quad +5y$

$8 = -1 + 9y$

$+1 \quad +1$

$\frac{9}{} = \frac{9y}{}$

$\frac{9}{9} \quad \frac{9}{9}$

$y = 1$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $+4.8x \quad +4.8x$ $3.2 = 8.9 + 7.3x$ $-8.9 \quad -8.9$ -6.3 $\frac{-6.3}{7.3} = \frac{7.3x}{7.3}$ $x = -0.8630$	SAME

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

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You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Cen Inv. Prd-3

1) Solve for y

$6 + 8y = 1$

$y = -13$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$x = 33$

3) Solve for x:

$3x + 2x = 12$

$X = 2 + 1$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $6y - 3 = 3y$ $3y = 2 + 2y$ $3 \times 2 = 6$ / $2 + 2 \times 2 = 6$ $Y = 2$	Y = 2, is the answer I got. You have to subtract 3 from 6y, that equals 3y. Then I tried 3x2, which is 6. Therefore I did 2+2x2 = 6. They both got the same number with Y being 2.

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$3y = -1 + 4y$

$3y = 3y$

$y = 1$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$	

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$$\frac{12x}{2} = -3x$$

$$6x = -3x$$

$$x = 3$$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

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You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Combo. Pvd. 3

1) Solve for y

$6 + 8y = 1$

$8y + 6 = 1$

$-6 \quad -6$

$\frac{8y}{8} = \frac{-5}{8}$

$y = -0.625$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$\frac{x}{-3} + 4 = -11$

$-4 \quad -4$

$\frac{x}{-3} = -11$

$\frac{x}{-3} \cdot -3 = -11 \cdot -3$

$x = 33$

3) Solve for x:

$3x + 2x = 12$

$3x + 2x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $6y + (-3) = 2 + 2y$ $-(-3) \quad -(-3)$ $6y = 2y + 5$ $6y = 2y + 5$ $-2y \quad -2y$ $4y = 5$ $\frac{4y}{4} = \frac{5}{4}$ $y = 1.25$	original problem Subtract -3 from both sides. subtract 2y from both sides. divide both sides by 4 answer

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$8 + (-5y) = -1 + 4y$

$-8 \quad -8$

$-5y = 4y - 9$

$-4y \quad -4y$

$\frac{-9y}{-9} = \frac{-9}{-9}$

$y = 1$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$	original problem
$-4.8x + 3.2 = 8.9 + 2.5x$ $-3.2 \quad -3.2$	Subtract 3.2 from both sides
$-4.8x = 5.7 + 2.5x$	Subtract 2.5x from both sides
$-4.8x = 5.7 + 2.5x$ $-2.5x \quad -2.5x$	
$-7.3x = 5.7$	divide -7.3 from both sides
$\frac{-7.3x}{-7.3} = \frac{5.7}{-7.3}$	
$x = -0.780821917$	answer

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$-7.4 + 17.3x = 8.1x + (-24.6)$

$-(-7.4) \qquad -(-7.4)$

$17.3x = 8.1x + (-17.2)$

$17.3x = 8.1x + (-17.2)$

$-8.1x \quad -8.1x$

$9.2x = -17.2$

$\frac{9.2x}{9.2} = \frac{-17.2}{9.2}$

$x = -1.869562517$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$	original problem
$y + 9.9 = -6.3y + (-4.2)$ $-9.9 \qquad -9.9$	Subtract 9.9 from both sides
$y = -6.3y + (-14.1)$	
$y = -6.3y + (-14.1)$ $-(-6.3y) \quad (-6.3y)$	Subtract $-6.3y$ from both sides
$7.3y = -14.1$	
$\frac{7.3y}{7.3} = \frac{-14.1}{7.3}$	divide both sides by 7.3
$y = -1.931506849$	Answer

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$\frac{7x+5}{2} = -3x \cdot 2$

$7x + 5 = -6x$

$7x + 5 = -6x$

$-7x \quad -7x$

$5 = -13x$

$\frac{5}{-13} = \frac{-13x}{-13}$

$-0.38461538 = x$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$-18.4 \quad -18.4$

$10.4x = -7.5x + -1.1$

$10.4x = -7.5x + 1.1$

$+(7.5) \quad +(7.5)$

$17.9x = 1.1$

$\frac{17.9x}{17.9} = \frac{1.1}{17.9}$

$x = 0.0614525139$

Unit 18 Review of Linear Equations – Form C

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Conlin. Prd. 3

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$\frac{8y}{8} = \frac{-5}{8}$

$y = (-0.625)$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$-4 \quad -4$

$\frac{x}{-3} = -11 \rightarrow \frac{x}{-3} \cdot 3 = -11 \cdot 3 \rightarrow \frac{-3x}{-3} = \frac{33}{-3}$

$x = 11$

3) Solve for x:

$3x + 2x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here		For each step, explain why
$6y - 3 = 2 + 2y$	①	① I re-wrote the problem, changing $6y+(-3)$ into $6y-3$
$6y = 5 + 2y$	②	② I added 3 to both sides to get y by itself
$4y = 5$	③	③ I subtracted $2y$ from both sides to get both y's on one side
$\frac{4y}{4} = \frac{5}{4}$	④	④ I divided both sides by 4
$y = 1.25$	⑤	⑤ I got my answer

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$8 - 5y = -1 + 4y$

$5y = -9 + 4y$

$1y = -9$

$\frac{1y}{1} = \frac{-9}{1}$ → $y = -9$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here		For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$	①	① I re-wrote the problem
$-4.8x = 5.7 + 2.5x$	②	② I subtracted 3.2 from both sides
$-7.3x = 5.7$	③	③ I subtracted 2.5x from both sides
$\frac{-7.3x}{-7.3} = \frac{5.7}{-7.3}$	④	④ I divided both sides by -7.3
$x = -0.7808$	⑤	⑤ I got my answer

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$-7.4+17.3x = 8.1x-24.6$

$\downarrow$

$17.3x = 8.1x - 32$

$\downarrow$

$9.2x = -32$

$\downarrow$

$\frac{9.2x}{9.2} = \frac{-32}{9.2} \rightarrow x = -3.4783$

8) Solve for y:

$1y + 9.9 = -6.3y + (-4.2)$

Show your work here		For each step, explain why
$1y+9.9 = -6.3y-4.2$	①	① I recopied the problem, adding a 1 in front of the y.
$1y = -6.3y - 14.1$	②	② I subtracted 9.9 from both sides
$7.3y = -14.1$	③	③ I added 6.3y to both sides
$\frac{7.3y}{7.3} = \frac{-14.1}{7.3}$	④	④ I divided both sides by 7.3
$y = 1.9315$	⑤	⑤ I got my answer

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$3.5x + 2.5 = -3x$

↓

$3.5x = -3x - 2.5$

↓

$6.5x = -2.5$

↓

$\frac{6.5x}{6.5} = \frac{-2.5}{6.5}$ → $x = -0.3846$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$16.3x + 18.4 - 5.9x = -7.5x + 17.3$

↓

$10.4x + 18.4 = -7.5x + 17.3$

↓

$10.4x = -7.5x - 11$

↓

$17.9x = -11$

↓

$\frac{17.9x}{17.9} = \frac{-11}{17.9}$ → $x = -0.6145$

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Conko. Prd. 3

1) Solve for y

$6 + 8y = 1$

$y = -0.625$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$x = 33$

3) Solve for x:

$3x + 2x = 12$

$\frac{3x}{5x = 12}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $-2y \quad -2y$ $8y + (-3) = 2$ $+3 \quad +3$ $8y = -1$ $y = -8$	I just combined all of my like terms then divided to get my answer.

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$+5y$

$8 + -1y = -1$

-8

$-1y = -9$

$y = 9$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $+ 2.5x$ $-2.3x + 3.2 = 8.9$ $+3.2$ 12.1 $-2.3x = 12.1$ $x = 5.26$	I combined like terms the divided to get my answer.

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$+ -7.4$

$17.3x = 8.1x + -32$

$- 8.1x$

$25.4x = -32$

$x = -1.25$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $+9.9$ $y = -6.3y + 5.7$ $+6.3y$ $7.3y = 5.7$ $y = 1.28$	combined like terms the divided.

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$+3x$

$+3x$

$\frac{5}{2} = 4x$ $x = .625$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$+7.5x$

$16.3x + 18.4 + 1.6x = 17.3$

$-16.5x$

$18.4 + 17.9 = 17.3$

-18.4

$17.9x = 35.7$

$x = 1.99$

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You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Combo. Prod. 3

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$\frac{8y}{8} = \frac{-5}{8}$

$y = -0.625$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$ -4

$-3 \cdot \frac{x}{-3} = -11 \cdot -3$

$x = 33$

3) Solve for x:

$3x + 2x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $-2y \quad -2y$ $4y + (-3) = 2$ $+3 \quad +3$ $\frac{4y}{4} = \frac{5}{4}$ $y = 1.25$	subtracted 2y to combine like terms. then I subtracted -3 from both sides. then I divided by 4 to get the answer of 1.25

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$-4y$

$8 - 9y = -1$

$-8 \quad -8$

$\frac{-9y}{-9} = \frac{-9}{-9}$

$y = 1$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $-2.5x \qquad -2.5x$ $-7.3x + 3.2 = 8.9$ $-3.2 \quad -3.2$ $\frac{-7.3x}{-7.3} = \frac{5.7}{-7.3}$ $x = -0.78082$	I subtracted $2.5x$ from both sides to combine like terms. Then I subtracted 3.2 from both sides. Then I divided by -7.3 to get my answer.

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$-8.1x \quad -8.1x$

$-7.4 + 9.2x = -24.6$

$+7.4 \quad +7.4$

$\frac{9.2x}{9.2} = \frac{-17.2}{9.2}$

$x = -1.8695$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $+6.3y \quad +6.3y$ $7.3y + 9.9 = -4.2$ $-9.9 \quad -9.9$ $\frac{7.3y}{7.3} = \frac{-14.1}{7.3}$ $y = -1.93150$	I added 6.3y to both sides. then I subtracted 9.9 from both sides. Then I divided by 7.3 to get my answer.

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$$\frac{10x+5}{2} = -5$$

$$2 \cdot \frac{10x}{2} = -5 \cdot 2$$

$$\frac{10x}{10} = \frac{-10}{10}$$

$$x = -1$$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

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You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Conlso. Prd. 3

1) Solve for y

$6 + 8y = 1$

$-6 \quad -5$

$y = -1.6$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$-4 \quad -4$

$\frac{x}{-3} = -11$

$-3 \quad x = 33$

3) Solve for x:

$3x + 2x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

$y = 2.1$

Show your work here	For each step, explain why

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$y = 5.7$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$ $x = -1.2857$

Show your work here	For each step, explain why

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$x = 2.795$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$ $y = .00169$

Show your work here	For each step, explain why

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$x = -.21$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$x = 2.7957$

Unit 18 Review of Linear Equations – Form C

Post

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Combo. Prd. 3

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$\frac{8y}{8} = \frac{-5}{8}$

$y = -0.625$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$-4 \quad -4$

$(-3)\frac{x}{-3} = -11(-3)$

$x = 33$

3) Solve for x:

$3x + 2x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$2.4 = x$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $\frac{6y}{6} = \frac{-1}{8}$ $1y = -0.125$	I took and added like terms and got $8y = -1$ then divided by 8 and got my answer of $-0.125 = y$.

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$-1 \quad +5y$

$6 = -1 + 9y$

$+1 \quad +1$

$\frac{7}{9} = \frac{9y}{9}$

$\frac{7}{9} = y$

$y = 1$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $-3.2 \quad -3.2$ $-4.8x = 5.7 + 2.5x$ $-2.5 \quad -2.5$ $\frac{-2.3x}{-2.3} = \frac{5.7}{-2.3}$ $1x = -2.4783$	I added like terms and got $-2.3x = 5.7$ and divided by -2.3 and got my answer of $-2.4783 = x$, I rounded the decimal.

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$-8.1 \quad -8.1$

$\frac{9.2x}{9.2} = \frac{-17.2}{9.2}$

$1x = -1.8696$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $+6.3y \quad +6.3y$ $\frac{7.3y}{7.3} + \frac{14.1}{7.3}$ $y = 1.93151$	I added like terms and got $7.3y + 14.1$ and divided by 7.3 and got my answer of $1.93151 = y$. I rounded my decimal

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$14x + 10 = -3x$

$+3x \quad +3x$

$\frac{10}{10} = \frac{-17x}{10}$

$-1.7 = x$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$-18.4 \quad -18.4$

$16.3x + 18.4 + 1.6x$

$\frac{17.9x}{17.9} = \frac{-1.1}{17.9}$

-0.0614453

Unit 18 Review of Linear Equations – Form C

POST

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Confid. Prd. 3

1) Solve for y

$6 + 8y = 1$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$x = 33$

3) Solve for x:

$3x + 2x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y - 2y = 5 + 2y$ $-2y \quad -2y$ $4y = 5$	[illegible]

5) Solve for y:

$8 + (-5y) = -1 + 4y$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$+7.4 \qquad\qquad -7.4$

$17.3x = 8.1x$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $-9.9 \qquad\qquad -9.9$ $y = -6.3y + -14.1$	I subtracted 9.9 on both sides because

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

Unit 18 Review of Linear Equations – Form C

Post

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Combo. Prd. 3

1) Solve for y

$6 + 8y = 1$

2) Solve for x:

$$\frac{x}{-3} + 4 = -7$$

3) Solve for x:

$3x + 2x = 12$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why

5) Solve for y:

$8 + (-5y) = -1 + 4y$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

Unit 18 Review of Linear Equations – Form C

Post

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Conco. Prd. 3

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$\frac{8y}{8} = \frac{-5}{8}$

$y = -0.625$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$-4 \quad -4$

$\cdot x \frac{x}{-3} = -11 \cdot x$

$\frac{-3}{11} = \frac{-11x}{11}$

$x = 0.27$

3) Solve for x:

$3x + 2x = 12$

$\frac{6x}{6} = \frac{12}{6}$

$x = 2$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $-2y \quad -2y$ $4y + (-3) = 2$ $+3 \quad +3$ $\frac{4y}{4} = \frac{5}{4}$ $y = -0.25$	- rewrite problem - subtracted 2y from both sides - subtracted 3 from each side - divided 4 from both sides - get my answer

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$-4y \quad\quad -4y$

$8 + (-9y) = -1$

$-8 \quad\quad -8$

$\frac{-9y}{-9} = \frac{-9}{-9}$

$y = 1$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $-2.5x \quad\quad +2.5x$ $-7.3x + 3.2 = 8.9$ $-3.2 \quad -3.2$ $\frac{-7.3x}{7.3} = \frac{5.7}{7.3}$ $x = 0.780821917$	- re-write the problem - subtract 2.5x from both sides - subtract 3.2 from both sides - divide both sides by 7.3 - got my answer

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$-8.1x \quad -8.1x$

$-7.4 + 9.2x = (-24.6)$

$+7.4 \quad +7.4$

$\frac{9.2x}{9.2} = \frac{-17.2}{9.2}$

$X = -1.869565217$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $+6.3y$ $7.3y + 9.9 = -4.2$ $-9.9 \quad -9.9$ $\frac{7.3y}{7.3} = \frac{-14.1}{7.3}$ $y = -1.931506849$	- rewrote the problem - added 6.3y to both sides - subtracted 9.9 from both sides - divided 7.3 to both sides - got my answer

9) Solve for x:

$$\frac{-7x+5}{2} = -3x$$

$+3x$

$10x + 5 - 5$

$10x \times x$

$10 = -3x$

$X = 3.\overline{33}$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$10.3x$

$7.5x$

$29x$

$29x + 18.4 = 17.3$

$-18.4 \quad -18.4$

$29x = -1.1$

$x = -0.0\overline{37931034}$

Unit 18 Review of Linear Equations – Form C

Post

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Cenlw. Prd. 3

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$2 + y = 1$

$-1 \quad -1$

$y = 1$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$-3 \quad -3$

$x + 1 = -7$

$-1 \quad -1$

$x = -8$

3) Solve for x:

$3x + 2x = 12$

$x = 5$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $8y + (-3) = 2$ $-3 \quad -3$ $y = 8$	combined the like terms 6y and 2y then do the parenthesis and get what Y equals

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$1y + 8 = -1$

$-1 \quad -1$

$y = 7$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why
$2.13x + 3.2 = 8.9$ $3.2 \quad 3.2$ $2.13x + 11.11$ $11.1 \quad 11$ $x = 1.13$	Combined like terms then took then 8.9 and 3.2 then added then found y

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$25.1X + -7.4 + (-24.6)$

$-7.4 \quad -7.4$

$25.1X = 17.2$

17.2

$X = 25$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$-6.3y + 9.4 + (-4.2)$ 4.4 $y = 10.12$	combined like terms and then took the none like terms and then added them

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

Unit 18 Review of Linear Equations – Form C

POST

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Conlw. Pro'-3

1) Solve for y

$6 + 8y = 1$

$6 - 6 + 8y = 1 - 6$

$\frac{8y}{8} = \frac{-5}{8}$

$y = -.625$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$\frac{x}{3} + 4 - 4 = 7 - 4$

$\frac{x}{3} = 3$

$\frac{x}{3} \cdot 3 = 3 \cdot 3$

$x = 9$

3) Solve for x:

$3x + 2x = 12$

$5x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$x = 2.4$

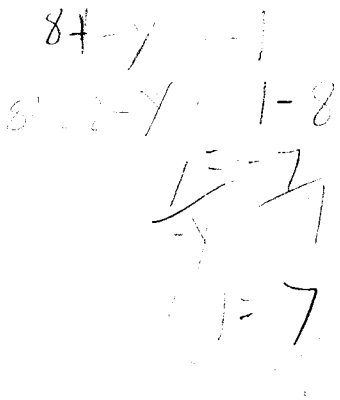
4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why
$4y + (-3) = 2$ $4y + (-3) - (-3) = 2 - (-3)$ $\frac{4y}{4} = \frac{5}{4}$ $y = 1.25$	

5) Solve for y:

$8 + (-5y) = -1 + 4y$



6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

Unit 18 Review of Linear Equations – Form C

POST

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

Conlw. frd. 3

1) Solve for y

$6 + 8y = 1$

$6-6+8y=1-6$

$\frac{8y}{8} = \frac{-5}{8}$

$y = 1.6$

2) Solve for x:

$\frac{x}{-3} + 4 = -7$

$x = -5$

3) Solve for x:

$3x + 2x = 12$

$\frac{5x}{5} = \frac{12}{5}$

$x = 2.4$

4) Solve for y:

$6y + (-3) = 2 + 2y$

Show your work here	For each step, explain why

5) Solve for y:

$8 + (-5y) = -1 + 4y$

$x = y$

6) Solve for x:

$-4.8x + 3.2 = 8.9 + 2.5x$

Show your work here	For each step, explain why

7) Solve for x:

$-7.4 + 17.3x = 8.1x + (-24.6)$

$x = .7$

8) Solve for y:

$y + 9.9 = -6.3y + (-4.2)$

Show your work here	For each step, explain why
$y = -2$	y

9) Solve for x:

$$\frac{7x+5}{2} = -3x$$

$x = -3$

10) Solve for x:

$16.3x + 18.4 + (-5.9x) = -7.5x + 17.3$

$10.4x + 18.4 = -7.5x + 17.3$

$x = 5$