Unit 18 Review of Linear Equations – Form C

Ret.

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.

Conlin. Prd. 8

1) Solve for y

$6 + 8y = 1$

-6

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

$y = -.625$

2) Solve for x:

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

$-4 \quad -4$

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

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

Ret.

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.

Conlin. Ard-B

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:

$$3x + 2x = 12$$

$\frac{5x}{5} = \frac{12}{5}$ $x = 2.4$

4) Solve for y:

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

Show your work here	For each step, explain why
$\frac{\cancel{6}y}{\cancel{6}} + \cancel{3} = 2$ $\quad -3$ $\quad \frac{-1}{6}$ $\quad y = -0.125$	I added both y's then subtracted 3 from both sides [illegible] y = -0.125

5) Solve for y:

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

$-9 \quad y = 9$

6) Solve for x:

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

Show your work here	For each step, explain why
$-2.3x + 3.2 = 8.9$ $-3.2 \quad -3.2$ $-2.3x = 5.7$ $x = -2.478260$	add Subtract

7) Solve for x:

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

$x = -1.76$

8) Solve for y:

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

Show your work here	For each step, explain why
$y = 1.0754$	added subtracted subtracted divided.

9) Solve for x:

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

X

10) Solve for x:

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

$x = 0.38$

Unit 18 Review of Linear Equations – Form C

Rat.

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.

Conno. pd. 8

1) Solve for y

$6 + 8y = 1$

-5

8

$y = -0.625$

2) Solve for x:

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

3) Solve for x:

$3x + 2x = 12$

$x+2x=12$

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

Ret.

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. prd. 8

1) Solve for y

$6 + 8y = 1$

14/y

2) Solve for x:

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

$-7x$

3) Solve for x:

$3x + 2x = 12$

2.4x

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $3y = 4y$ $.75y$	I added and the divided

5) Solve for y:

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

$1y$

6) Solve for x:

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

Show your work here	For each step, explain why
$-1.6x \quad 11.4x$ $-7.125x$	

7) Solve for x:

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

$9.9x \qquad -16.5x$

$-1.66x$

8) Solve for y:

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

Show your work here	For each step, explain why
$-2.35y$ $-4.2y$	

9) Solve for x:

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

$\frac{12}{5}$ $\quad 6 = -3x$

$-2x$

10) Solve for x:

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

~~342~~ $\quad 9.8x$

$28.8x$

$2.93x$

Unit 18 Review of Linear Equations – Form C

Rot.

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.

Continue. pg. 8

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

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

$y = .625$

2) Solve for x:

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

$-4 \quad -4$

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

$x = 33$

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
$6y + (-3) = 2 + 2y$ $-2y \quad -2y$ $4y + (-3) = 2$ $+3 \quad +3$ $\frac{4y}{4} = \frac{5}{4}$ $y = 1.25$	step 1) 2) 3) 4)

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
$3.2 = 8.9 + 7.3x$	

7) Solve for x:

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

$-8.1x \quad -8.1x$

$-7.4 + 9.2x = -24.6$

$+7.4 \quad +7.4$

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

$x = -1.869$

8) Solve for y:

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

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $+6.3y \quad +6.3y$ $\frac{7.3y}{7.3} = \frac{-14.1}{7.3}$ $y = -1.931$	Step (1) add 6.3y to both sides (2) subtract 9.9 from both sides (3) divide both sides by 7.3

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

Dot.

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.

Conlio.prd-8

1) Solve for y

$6 + 8y = 1$?

2) Solve for x:

$\frac{x}{-3} + 4 = -7$ $= x = 33$

3) Solve for x:

$3x + 2x = 12$

$(3 \times 2) + (2 \times 3) = 12$

$6 + 6 = 12$

4) Solve for y:

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

Show your work here	For each step, explain why
Not Sure!	

5) Solve for y:

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

$-1.6 + 10$ $10.2 = 9.$

6) Solve for x:

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

$-1.6x = 16.4x$

Show your work here	For each step, explain why
10.2?	

7) Solve for x:

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

$x = .8$

8) Solve for y:

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

Show your work here	For each step, explain why
.1 ?	

$-.5 \times 7 + 5 \div 2 = -1$

$.6 = -1.7$

$.7 = -2.4$

$.9 = -3.8$

$-.8 = -3.1$

9) Solve for x:

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

$X = -.8$

10) Solve for x:

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

$-16.3x$

-16.3

1.3

I don't understand the work

Unit 18 Review of Linear Equations – Form C

Rot.

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.

Conhw. prd-8

1) Solve for y

$6 + 8y = 1$

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

$y = -0.625$

2) Solve for x:

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

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

$x = 33$

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
$6y + (-3) = 2 + 2y$ $6y - (-3) = 4y$ $10y - (-3)$ -3.3	[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:

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

$$\frac{25.4x}{25.4} - \frac{32}{25.4}$$

$x = -1.25984252$

8) Solve for y:

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

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $\frac{5.7}{6.3} - \frac{6.3y}{6.3}$ $y = 5.9 \quad 4761904$	add divide

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

Rot.

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.

Conho. prd. 8

1) Solve for y

$$6 + 8y = 1$$

$6+8 = 14 \div 14 = 1$

2) Solve for x:

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

$-3 - 4 = -7$

3) Solve for x:

$3x + 2x = 12$

$3+2x^2$

$=5x^2$

$5+5=10+2$

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3) = 2+2y$ $6-2=4$ $4+(-3)=2$ $4+2=6(-3)$ 9	subtract variables add remaining add left numbers and subtract

5) Solve for y:

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

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

$-9 + 9 = 0$

6) Solve for x:

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

Show your work here	For each step, explain why
$4.8 + 2.5 =$ $3.2 - 8.9 = -3$ 3.2×1.6 5.12	Subtract 4.8 and 2.5 minus 3.2 minus 8.9 equals -3 times 3.2 x 1.6

7) Solve for x:

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

17.3 - 8.1

-7.4 + (-24.6) 9.2

-7.4 - 9.2

68.08

8) Solve for y:

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

Show your work here	For each step, explain why
9.9 + (9.2) 9.9 = -6.3y 3.6	Subtract 9.9 and (-9.2) and subtract 9.9 and 6.3 3.6

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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Rot.

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.

Conno. prd. 8

1) Solve for y

$6 + 8y = 1$

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

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

$y = -0.625$

2) Solve for x:

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

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

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

$x = 3$

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
$4y - 3 = 2$ $4y - 3 + 3 = 2 + 3$ $\frac{4y}{4} = \frac{5}{4}$ $y = 1.25$	

5) Solve for y:

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

$8 + -9y = -1$

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

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

$y = 1$

6) Solve for x:

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

Show your work here	For each step, explain why
$-7.3x + 3.2 = 8.9$ $-3.2 \quad -3.2$ $\frac{-7.3x}{7.3} = \frac{5.7}{7.3}$ $x = -0.7808$	

7) Solve for x:

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

$-7.4 + 9.2x = -24.6$

$+7.4 \qquad +7.4$

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

$x = -1.8695$

8) Solve for y:

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

Show your work here	For each step, explain why
$9.9 = -5.3y - 4.2$ $+4.2 \qquad +4.2$ $\frac{14.1}{5.3} = \frac{-5.3y}{-5.3}$ $-2.6603 = y$	

9) Solve for x:

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

10) Solve for x:

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