Unit 18 Review of Linear Equations – Form C

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.

1) Solve for y

$6 + 8y = 1$

$-8 \quad -8$

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

$y = -13$

2) Solve for x:

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

$-4 \quad -4$

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

$\times 3 \quad \times 3$

$x = -33$

CWCTC
Pre-
Edwards Prd. 2

3) Solve for x:

$3x + 2x = 12$

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

$2.2x$

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3) = 2 + \cancel{2y}$ $\cancel{-2y}$ $+ 2y$ $8y + (-3) = 2$ $+3 \quad +3$ $\frac{8y}{8} + \frac{=5}{8}$ -0.34	I added the two (1's) then + took the (3) because It was in parentes then I took 8y dived by 8 because I had to get [illegible] to get my answer and my answer was -0.34

5) Solve for y:

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

$+4y$

$8 + -1y = -1$

-8

-8

-9

$1y$

$-9y$

6) Solve for x:

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

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $+2.5x$ $7.3x + 3.2 = 8.9$ $3.2 \quad 3.2$ $\frac{7.3x}{7.3} = \frac{5.7}{7.3}$ 1.98	I added both of the (x's) together Subtracted 3.2 & then [illegible] [illegible] 3.2 [illegible] 8.9 [illegible] [illegible] [illegible] I [illegible]

7) Solve for x:

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

$$\begin{array}{r} 8.1 \\ -7.4 + 25.4 = (24.6) \\ +\ 7.4 \qquad\qquad + \\ \hline 13.20 \\ \hline 7.4 \end{array}$$

2.34

8) Solve for y:

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

Show your work here	For each step, explain why
$7.3y + .99 = (4.2)$ $.99 \quad -9.9$ $7.3 \quad -14.1$ 7	I took and added the y's together. [illegible] subtracted [illegible] of f of (-4.2) and got 7

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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1) Solve for y

$6 + 8y = 1$

$y = -7$

2) Solve for x:

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

$x = -15$

CWCTC
Pre-
Ehrich prd. 2

3) Solve for x:

$3x + 2x = 12$

$x = 2$

4) Solve for y:

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

Show your work here	For each step, explain why

5) Solve for y:

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

$y = 0$

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:

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

$x = -4$

8) Solve for y:

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

Show your work here	For each step, explain why

9) Solve for x:

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

$x = -1$

10) Solve for x:

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

Unit 18 Review of Linear Equations – Form C

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.

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

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

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

2) Solve for x:

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

$x + 4 = 21$

$-4 \quad -4$

$x = 17$

CWCTZ
Pre —
Eukovich prd. 2

3) Solve for x:

$3x + 2x = 12$

$-2 \quad -2$

$1x = 12$

$\frac{1x}{1} = \frac{12}{1}$

$x = 12$

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $-2y \quad -2y$ $4y + (-3) = 2$ $+3 \quad +3$ $4y = 1$ $\frac{4y}{4} = \frac{1}{4}$ $y = 1$	I moved the less y then I moved the -3 to 2 then divided to get $y = 1$

5) Solve for y:

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

$-5y \quad -5$

$8 = -1 + -1y$

$+1 \quad +1$

$9 = -1y$

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

$-9 = y$

6) Solve for x:

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

Show your work here	For each step, explain why
$-4.8 + 3.2 = 8.9 + 2.5x$ $+4.8 \quad +4.8$ $3.2 = 8.9 + 7.3$ $-8.9 \quad -8.9$ $-5.7 = 7.3x$ $\frac{-5.7}{7.3} = \frac{7.3x}{7.3}$ $-x$	I dont know how to explain the reason

7) Solve for x:

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

$-8.1x \quad -8.1x$

$-7.4 + 9.2x = (-24.6$

$+7.4 \quad +7.4$

$9.2x = 17.2$

$\frac{9.2x}{9.2x} \quad \frac{17.2}{9.2x}$

$X = ?$

8) Solve for y:

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

Show your work here	For each step, explain why
$1y + 9.9 = -6.3y + (-4.2)$ $+6.3 \quad +6.3$ $6.4y + 9.9 = (-1.2)$ $-9.9 \quad -9.9$ $6.4y = 14.1$ $\frac{6.4y}{6.4} \quad \frac{14.1}{6.4}$ $= 4$	I did everything that I said I'm number 4

9) Solve for x:

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

$7x+5 = -6x$

$+6x \qquad +6x$

$13x+5$

10) Solve for x:

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

$+7.5 \qquad +7.5$

$23.8x + 18.4 + -5.9x = 17.3$

$+5.9x \qquad +5.9x$

$29.7x + 18.4 = 17.3$

$-18.4 \quad -18.4$

-1.1

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1) Solve for y

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

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

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

2) Solve for x:

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

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

$-3 * -3 \quad -11 * -3$

$x = 33$

CWCTZ
Ave —
Erkovich prd. 2

3) Solve for x:

$3x + 2x = 12$

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

$x = 2\frac{2}{5}$

4) Solve for y:

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

Show your work here	For each step, explain why
$-2y \quad -2y$ $4y + -3 = 2$ $+3 \quad +3$ $\frac{4y}{4} = \frac{5}{4}$ $y = 1\frac{1}{4}$	

5) Solve for y:

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

$+5y \quad -5y$

$8 = -1 + 9y$

$+1 \quad +1$

$9 = 9$

$1 = y$

6) Solve for x:

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

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $-2.5x \quad -2.5x$ $-7.3x + 3.2 = 8.9$ $-3.2 \quad -3.2$ $\frac{-7.3x}{-7.3} = \frac{5.7}{-7.3}$ $x = \frac{5.7}{-7.3}$	

7) Solve for x:

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

$-2.1x \quad -2.1x$

$-7.4 + 9.2x = -24.6$

$+7.4 \quad +7.4$

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

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

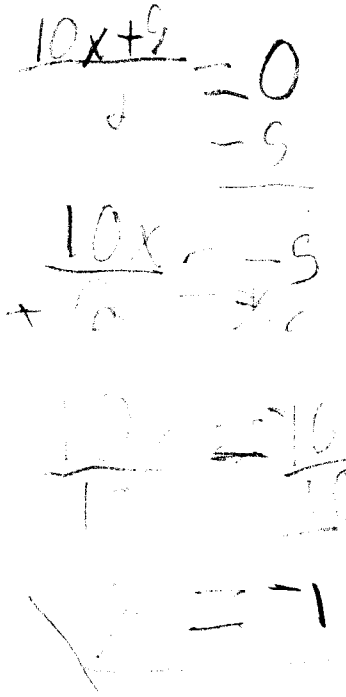
8) Solve for y:

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

Show your work here	For each step, explain why
$-y \quad +6.3y$ $9.9 = -7.3y + (-4.2)$ $+4.2 \quad +4.2$ $\frac{14.1}{-7.3} = \frac{-7.3y}{-7.3}$ $\frac{14.1}{-7.3} = x$	

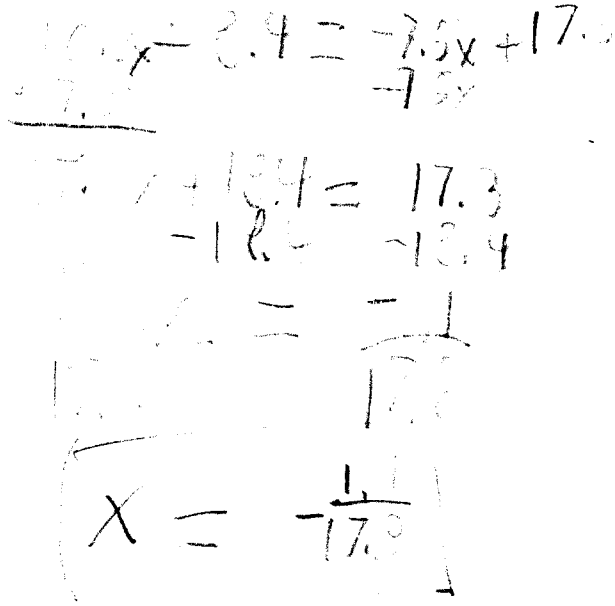
9) Solve for x:

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



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.

1) Solve for y

$$6 + 8y = 1$$

2) Solve for x:

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

CWCTC
pre —
Evkovich prd. 2

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:

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

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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.

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$\frac{5}{5} \quad \frac{8y}{5} = \frac{-5}{8,0}$ (1.6)

30

$y = 1.6$

2) Solve for x:

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

$-4 \quad -4$

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

$x = -1$

CWCTC
pre-
Evkovich prd. 2

3) Solve for x:

$3x + 2x = 12$

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

$$\begin{array}{r} 2.4 \\ 5\overline{)12.0} \\ -10 \\ \hline 20 \end{array}$$

$x = 2.4$

4) Solve for y:

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

Show your work here	For each step, explain why
$6y+(-3)=2+2y$ $18y=2+2y$ -2 $\frac{16}{2}\ \frac{2y}{2}$ $x=8$	First I took 6y time -3 got 18 the I subtracted by two the divid 2y divid 16.

5) Solve for y:

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

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

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

$y = 1$

6) Solve for x:

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

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $-3.2 \quad -3.2$ $-4.8x + 5.7 + 2.5x$ $+2.5x \quad +2.5x$ 7.3 2.92 $25\overline{)73.00}$ $\frac{7.3}{2.5}$ $\frac{25}{2.5}$ -50 230 -225 50 $x = 2.92$	I subtracted 3.2 by both side cabido like terms then divid by what was left.

7) Solve for x:

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

$$\begin{array}{r} -7.4 \\ \hline 17.2 \end{array}$$

$17.3x = 8.1x + 17.2$

$$\begin{array}{r} 8.1 \\ + \\ \hline 25.4 \end{array}$$

$\frac{2.54x}{2.54}$ $\frac{17.2}{2.54}$ $25.4\overline{)17.20}$

$x = ?$

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 $\quad 9.9$ 5.7 $y = 6.13y + 5.7$ $-5.7 \quad -5.7$ $x = .6$	I subtracted from each side then cobined like terms and then divid

9) Solve for x:

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

$-\frac{12}{2}$

$\frac{6}{-3}$ $\frac{-3x}{3}$

$x - 2$

10) Solve for x:

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

Unit 18 Review of Linear Equations – Form C

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.

1) Solve for y

$$6 + 8y = 1$$
$$-6 \quad -6$$
$$\frac{8y}{8} = \frac{-5}{8}$$
$$y = 6.25$$

$$\begin{array}{r} 6.25 \\ 8\overline{)5000} \\ 48 \\ \hline 20 \\ 16 \\ \hline 40 \end{array}$$

2) Solve for x:

$$\frac{x}{-3} + 4 = -7$$
$$-4 \quad -4$$
$$\frac{x}{-3} = -3(-3)$$
$$x = 9$$

CWCTC
pre –
Erkovich prd-2

3) Solve for x:

$3x + 2x = 12$

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

$x = 2.4$

$5\overline{)12.0}$

10

20

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3 - -3) = (2+3) + 2y$	You subtract both sides by -3
$\frac{6}{6}y = 2y$	Get rid of the 6 by dividing by its reciprocle leaving Y.
$(\frac{1}{y})y = 2y$	Get rid of the Y by dividing by Y leaving 2Y
$y = 2$	Answer

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:

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

$-7.4 \quad +7.4$

17.2

$17.3x = 8.1x + 17.2$

$-7.2 \quad -17.2$

$17.3x = 9x$

17.3

$\left(\frac{1}{x}\right)x = 9x$

$9 = y$

8) Solve for y:

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

Show your work here	For each step, explain why

9) Solve for x:

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

$7x + -3 = -3x$

$-3 \quad -3$

$7x = x\left(\frac{1}{x}\right)$

$7 = x$

10) Solve for x:

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

$-22.2x + 18.4 = -7.5x + 17.3$

$-17.3 \quad -17.3$

$18.4 = -4.7x + 17.3$

1.1

$\frac{1.1}{4.7} = \frac{-4.7x}{-4.7}$

Unit 18 Review of Linear Equations – Form C

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.

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$y = -1.6$

2) Solve for x:

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

$-4 \quad -4$

$x = 1$

CWCTC
pre –
Ellsworth prd. 2

3) Solve for x:

$$3x + 2x = 12$$

$3x = 2$

$2x \quad 5$

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $+3 \quad +3 \quad -2 \quad -2y$ $4y \quad 0$ $y = 9$	added 3 to each side got 9y sub, 2 from each side go 0 the 9 [illegible] [illegible]

5) Solve for y:

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

$-13, \ 5y$

-2.6

6) Solve for x:

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

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $3.2 \quad -3.2 \quad 8.9 \quad -2.5x$ $\frac{-8x}{8} \quad \frac{-6.4}{8}$ $-1.25x$	I [illegible] 3.2 from each side [illegible] 8.9 from each side

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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1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

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

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

2) Solve for x:

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

$-4 \quad -4$

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

$x = 33$

CWCTC
pre –
Ehlovich pred. 2

3) Solve for x:

$3x + 2x = 12$

$-3 \quad -3$

$\frac{2x}{2} = \frac{9}{2}$

$x = 4.5$

$2\overline{)9.0}$ 4.5

-8

10

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $-6 \quad -6$ $3 = 2 + 2y$ $-2 \quad -2$ $1 = 2y$ $y = 1$	Sub. 6 Sub. 2 Divide by

5) Solve for y:

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

$+5 \quad +5$

$13 = -1 + 4y$

$-3 \quad -3$

$1 + 1y$

$2y$

6) Solve for x:

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

Show your work here	For each step, explain why
$-4.8x + 3.2$ $-4.8x \quad -4.8$ $-2.4 \quad -2.4$ $6.9 + .1x$ $\frac{}{1} \quad \frac{}{1}$ 69	Sub. 4.8 Sub. 2.4 Divide by .1

$\begin{array}{r} 69 \\ 1\overline{)69} \\ -6 \\ 09 \\ -9 \end{array}$

7) Solve for x:

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

$-7.4 \quad -7.4$

$9.9x = 8.1x + (-24.6)$

$-9.9 \quad -9.9$

$-2.2x + (-24.6)$

$2.2 \quad 2.2$

$x = 1.1$

$\begin{array}{r} 0\ 16 \\ 17.3 \\ -\ 7.4 \\ \hline 9.9 \end{array}$

$\begin{array}{r} 7\ \ 11 \\ 8.1 \\ -9.9 \\ \hline 2.2 \end{array}$

$\begin{array}{r} 1.1 \\ 2.2\overline{)24.6} \\ -22 \\ \hline 26 \\ 22 \\ \hline 4 \end{array}$

$\begin{array}{r} 6.3 \\ -9.9 \\ \hline 3.6 \end{array}$

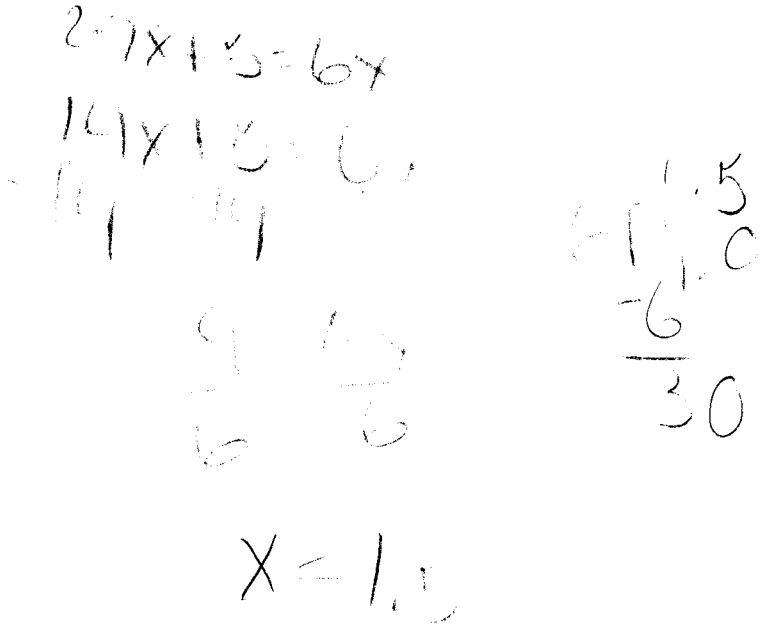
8) Solve for y:

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

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $-9.9 \quad -9.9$ $y + -3.6y + (-4.2)$ $\frac{3.6y}{3.6} + \frac{(-4.2)}{3.6}$ $3.6\overline{)9.9}$ 1.12 $\frac{3.6}{6}$	sub. 9.9 divide by 3.6

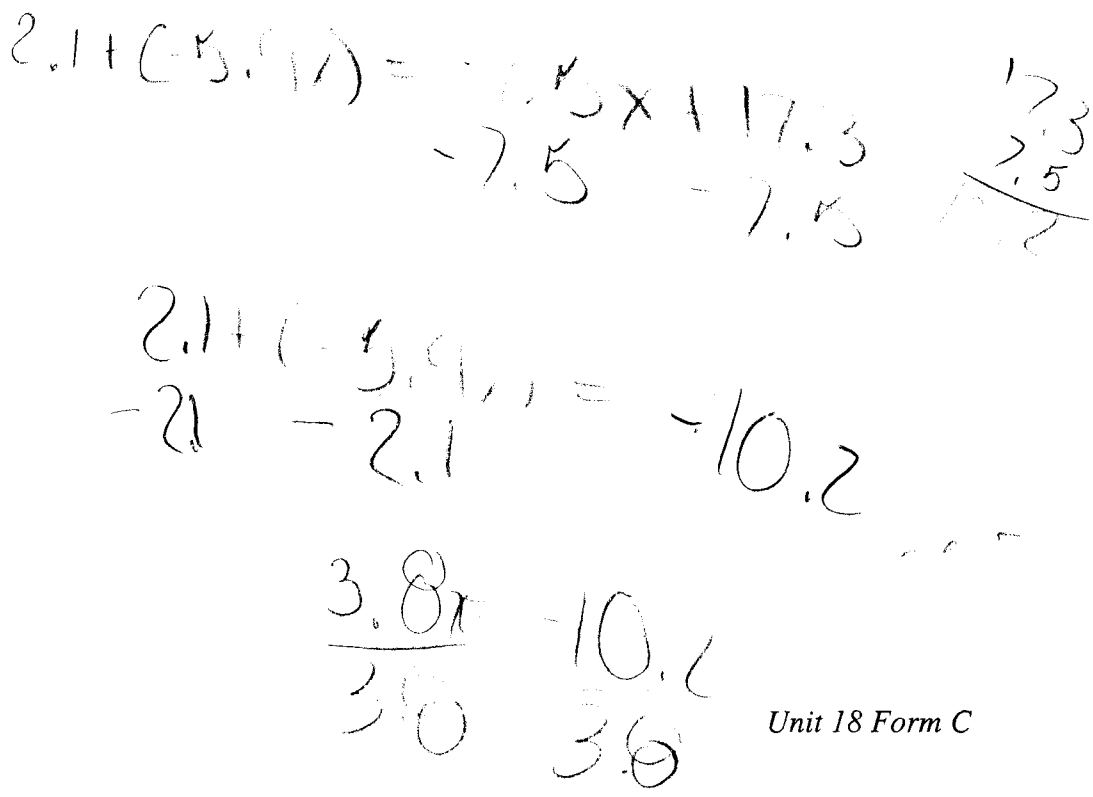
9) Solve for x:

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



10) Solve for x:

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



Unit 18 Review of Linear Equations – Form C

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1) Solve for y

$$6 + 8y = 1$$

2) Solve for x:

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

CWCTC
pre –
Erkovich prd. 2

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:

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

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1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

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

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

2) Solve for x:

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

$-4 \quad -4$

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

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

$x = 33$

CWCTC
Pre-
Evkovich Prd. 2

3) Solve for x:

$3x + 2x = 12$

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

$x = 2\frac{2}{5}$

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3) = 2 + 2y$ $-2 \quad -2$ $4y + (-3) = 2$ $+3 \quad +3$ $\frac{4y}{4} = \frac{-1}{4}$ $y = \frac{-1}{4}$	Combined like terms subtract the smaller one subtract 3 to get rid of it divide by 4 $\frac{-1}{4}$

5) Solve for y:

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

$-4y \quad -4y$

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

$-8 \qquad -8$

$-1y = -9$

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

$y = 9$

6) Solve for x:

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

Show your work here	For each step, explain why
$-4.8x + 3.2 = 8.9 + 2.5x$ $+4.8x \qquad\qquad +4.8x$ $7.3x + 3.2 = 8.9$ $-3.2 \qquad -3.2$ $7.3x = 5.7$ $\frac{7.3x}{7.3} = \frac{5.7}{7.3}$ $x = \frac{5.7}{7.3}$	Combined like terms Subtracted the smaller one to get rid of it

7) Solve for x:

$-7.4 + 17.3x = \cancel{8.1x} + (-24.6)$

8.1

$-7.4 + 15.4x = (-24.6)$

$+7.4 \qquad +7.4$

$\frac{15.4y}{15.4} = \frac{17.2}{15.2}$

$x = 1.20$

24.6
7.4
17.2

1.
17.2
15.2
20

8) Solve for y:

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

Show your work here	For each step, explain why
$y + 9.9 = -6.3y + (-4.2)$ $-y \qquad -y$ $9.9 = -7.3y(-4.2)$ $+4.2 \qquad +4.2$ $\frac{15.1}{-7.3} = \frac{-7.3y}{-7.3}$ $2.5 = y$	subtract the smaller y from the big y Add -4.2 to get rid of it

2
7.3 | 15.1
146
5

73
73
146

9) Solve for x:

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

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

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

$$14x + 10 \quad -6x$$
$$-10 \quad -10$$
$$\frac{14x}{14} = \frac{16x}{14}$$

$$\boxed{1.2 = x}$$

10) Solve for x:

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

$$16.3$$
$$-5.9$$
$$+ 0.4$$
$$-7.5$$
$$2.9$$

$$\frac{2.9x}{2.9} = \frac{17.3}{2.9}$$

$$\boxed{x = 5.1}$$

$$2.9\overline{)17.3}$$
$$145$$
$$29$$

Unit 18 Review of Linear Equations – Form C

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.

1) Solve for y

$$6 + 8y = 1$$

2) Solve for x:

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

CWCTC
Pre –
Erkovich prd. 2

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
$6y + 3 = 2 + 2y$ $-2 \quad -2$ $4y + (-3) = 2$ $+3 \quad +3$ $\frac{4y}{4} = \frac{1}{4}$ $y = \frac{1}{4}$	add y or [illegible] add three to get y by [illegible] divide by 4 to get y by [illegible] [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:

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

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

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.

1) Solve for y

$6 + 8y = 1$

$-6 \quad -6$

$8y = -5$

$\frac{8}{8} \quad \frac{8}{8}$

$y =$

2) Solve for x:

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

CWCTC
pre —
Ellsworth prod. 2

3) Solve for x:

$3x + 2x = 12$

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

$x = 2.2$

4) Solve for y:

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

Show your work here	For each step, explain why
$6y + (-3) = 2$ $+3 \quad +3$ $\frac{6y}{6} = \frac{5}{6}$ $y = 1.6$	add like terms

5) Solve for y:

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

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

$-8 \qquad -8$

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

$y = 9$

6 Solve for x:

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

Show your work here	For each step, explain why

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

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.

1) Solve for y

$$\frac{\cancel{6}}{-\cancel{6}} + 8y = \frac{1}{-6}$$

$8y = -5$

-0.625

2) Solve for x:

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

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

33

CWCTC
pre —
Erkovich prd. 2

3) Solve for x:

$3x + 2x = 12$

$5x=12$

2.4

4) Solve for y:

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

Show your work here	For each step, explain why
$6y+(-3)=2+2y$	

5) Solve for y:

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

$-8 \quad\quad -8$

$-5y = -9 + 4y$

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

$-4y = 4y$

$y = 1$

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:

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

$18.4 + 2.4x = -7.5x + 17.3$

$-18.4 \qquad -18.4$

$2.4x = -7.5x + (-1.1)$

3

Unit 18 Review of Linear Equations – Form C

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.

1) Solve for y

$6 + 8y = 1$

2) Solve for x:

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

CWCTC
pre-
Calculus prd. 2

3) Solve for x:

$3x + 2x = 12$

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

2.2

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:

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

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7) Solve for x:

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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

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.

1) Solve for y

$6 + 8y = 1$

2) Solve for x:

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

CWCTC
pre-
Bukovich prd. 2

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:

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

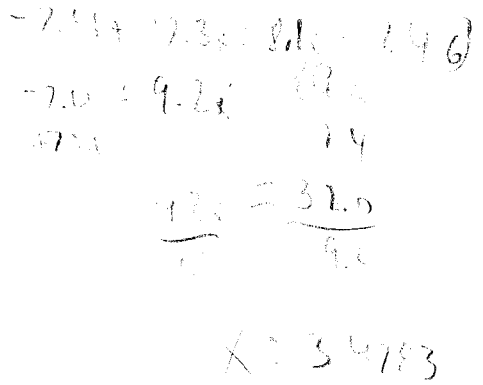
6) Solve for x:

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

Show your work here	For each step, explain why

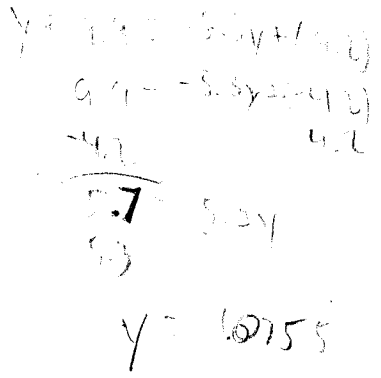
7) Solve for x:

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



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:

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