

Post



70albuD

Erkovich. prd. 2

Unit 18 Review of Linear Equations – Form A

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.

$$7 + 5y = 2$$

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

$$1 = y$$



2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

$$(-5) \frac{x}{-5} = -10 (-5)$$

$$x = -50$$

3) Solve for x:

$$4x + 8x = 9$$

$$\frac{12x}{12} = \frac{9}{12}$$

$$12 \overline{) 9.00} \\ \underline{-84} \\ 60$$

$$\begin{array}{r} 12 \\ +5 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 12 \\ +8 \\ \hline 20 \end{array} \quad \begin{array}{r} 12 \\ +7 \\ \hline 19 \end{array}$$

$$x = 0.75$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$\begin{array}{r} 3y + (-8) = 5 + 4y \\ -3y \\ \hline -8 = 5 + 1y \\ -5 \\ \hline -13 = 1y \\ \frac{-13}{1} = \frac{1y}{1} \end{array}$ $-13 = y$	<p>Get y on one side</p> <p>Subtract 3x</p> <p>cancel subtract 5 to get rid of it on the right.</p> <p>Divide to get what y is = to</p>

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

-2y -2x

$$6 + 9y = -1$$

-6 -6

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

$$y = -.7777$$

$$\begin{array}{r} 9 \overline{) 7.0} \\ 63 \\ \hline 7 \end{array}$$

a

54
63

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$-3.2x + 4.1 = 12.8 + 6.4x$ $+3.2x \quad +3.2x$ $4.1 = 12.8 + 9.6x$ $-12.8 \quad -12.8$ $-8.7 = 9.6x$ $-8.7 = 9.6x$ $-0.91 = x$	<p>add 3.2x to get rid of it on the left</p> <p>subtract 12.8 to get x by itself</p>

$$\begin{array}{r} 12.8 \\ -4.1 \\ \hline 8.7 \end{array}$$

$$\begin{array}{r} 9.6 \overline{) -8.7} \\ 8.64 \\ \hline -0.06 \end{array}$$

$$\begin{array}{r} 3.2 \\ + 6.4 \\ \hline 9.6 \end{array}$$

$$\begin{array}{r} 3.2 \\ + 6.4 \\ \hline 9.6 \end{array}$$

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

$$\begin{array}{r} -2.8 + 6.7 + (-3.4) \\ + 2.8 \end{array}$$

$$\begin{array}{r} 6.7x = 6 \\ \hline 6.7x \quad 6.7 \end{array}$$

$$x = 6/6.7$$

$$67 \overline{) 600}$$

~~scribbled out~~

$$67 +$$

$$67 \overline{) 600}$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why
scribbled out $\begin{array}{r} 12.3 = -5.1y + (-9.2) \\ + 9.2 \end{array}$ $\begin{array}{r} 3.1 = -5.1y \\ \hline 5.1 \quad 5.1 \end{array}$ $\begin{array}{r} 3.1 \\ \hline 5.1 \end{array} = y$	

$$51 \overline{) 310}$$

9) Solve for x:

$$\frac{4x+12}{3} = -9x$$

$$(3) \frac{4x+12}{3} = -9 \times (3)$$

$$4x+12 = -27$$

~~$$4x+12 = -27$$~~

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

$$12 = -23$$

$$.52 = 7$$

$$\begin{array}{r} 23 \overline{) 23} \\ \underline{23} \\ 0 \end{array}$$

$$\begin{array}{r} 23 \overline{) 120} \\ \underline{115} \\ 50 \end{array}$$

Student absent
Erkovich. Prd. 2

Unit 18 Review of Linear Equations – Form A

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1) Solve for y

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x :

$$4x + 8x = 9$$

4) Solve for y :

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x :

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

8) Solve for y :

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Post



h1009K6

Erlovich . Prd. 2

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

$$-7 \quad -7$$

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

$$(y = -1)$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

$$-8 \quad -8$$

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

$$x(-5) = 10(-5)$$

$$x = -15$$

3) Solve for x:

$$4x + 8x = 9$$

$$\begin{array}{r} 12x = 9 \\ \hline 12 \quad 12 \end{array}$$

$$x = .75$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$\begin{array}{r} -4y \quad -4y \\ -1y + (-8) = 5 \\ +8 \quad +8 \\ \hline -1y = 13 \\ -1 \quad -1 \\ \hline y = 13 \end{array}$	<p>get both y's on the one side</p> <p>get y alone</p> <p>divide</p> <p>answer</p>

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

- 2y - 2y

$$u \cdot f(y) = 1$$

- 4 - 4

$$\frac{-94}{-9} = \frac{7}{-9}$$

$$y = -16$$

6) Solve for x :

$$-3.2x + 4.1 = 12.8 + 6.4x$$

-6.4x -6.4:

Show your work here	For each step, explain why
$9.6x + 4.1 = 12.8$ $4.1 - 4.1$ $9.6x = 8.7$ $9.6x \div 9.6$ $x = 0.90625$	<p>$9.6x$ & 4.1 are on same side</p> <p>4.1 is subtracted</p> <p>$9.6x$ is divided by 9.6</p> <p>$x = 0.90625$ is the answer</p>

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

$$-11.8x - 11.8x$$

$$-2.8 + 0.90x = (-3.4)$$

$$+12.8 \qquad +2.8$$

$$0.90x = 906$$

$$.904$$

$$x = 1$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Post



z7Zg3oy

Erkovich, Prd. 2

Unit 18 Review of Linear Equations – Form A

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.

$$\begin{array}{r} 7 + 5y = 2 \\ -7 \quad -7 \\ \hline 5y = -5 \\ \div 5 \quad \div 5 \\ \hline y = -1 \end{array}$$

$$y = -1$$

2) Solve for x:

$$\begin{array}{r} \frac{x}{-5} + 8 = -2 \\ \quad -8 \quad -8 \\ \hline \frac{x}{-5} = -10 \\ \times (-5) \quad \times (-5) \\ \hline x = 50 \end{array}$$

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

$$x = 50$$

3) Solve for x:

$$4x + 8x = 9$$

$$\frac{12x}{12} = \frac{9}{12}$$

$$x = 0.75$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$\begin{array}{r} 3x + \cancel{(-8)} = 5 + 4x \\ - \quad -8 \quad -8 \end{array}$ $\begin{array}{r} 3y = 13 + 4y \\ -4y \quad -4y \end{array}$ $\begin{array}{r} -1y = 13 \\ \hline -1 \quad -1 \end{array}$ $y = -13$	

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

$$\begin{aligned} 6 + (-7y) &= -1 + 2y \\ -6 & \\ -7y &= -7 + 2y \\ -9y &= -7 \\ y &= \frac{7}{9} \\ y &\approx 0.7777777777 \end{aligned}$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$\begin{aligned} -3.2x + 4.1 &= 12.8 + 6.4x \\ -4.1 & \\ -3.2x - 8.7 &= 6.4x \\ -9.6x &= 8.7 \\ x &= -0.90625 \end{aligned}$	

7) Solve for x :

$$\cancel{-28} + 5.1x = 11.8x + \cancel{(-3.4)}_{-28}$$

8) Solve for y :

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Handwritten work:

$$\begin{array}{r} 14.1x + 19.1 + (-8.2x) = -6.2x + 12.8 \\ -14.1x \quad -19.1 \quad +8.2x \quad +6.2x \quad -12.8 \\ \hline .7 \end{array}$$

Past



4gcLyqe

Student absent
Evkovich. Rd. 2

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$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x :

$$4x + 8x = 9$$

4) Solve for y :

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x :

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

8) Solve for y :

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$



POST
ug982yk

Erkovich. p1d.2

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

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

$$y = -1$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

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

$$x = 50$$

3) Solve for x:

$$4x + 8x = 9$$

$$4x = 9$$

$$x = \frac{9}{4}$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$\begin{aligned} 3y + (-8) &= 5 + 4y \\ -8 &= 5 \\ 3y &= 13 + 4y \\ \underline{-4y} &\quad \underline{-4y} \\ -y &= 13 \\ y &= -13 \end{aligned}$	

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

$$6 - 7y = -1 + 2y$$

$$6 = -1 + 9y$$

$$\frac{7}{-9} \cdot -9y$$

$$1.4 = y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$-3.2x + 4.1 = 12.8 + 6.4x$ $4.1 = 12.8 + 3.2x$ $-8.7 = 3.2x$ $-2.71875 = x$	

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

$$-2.8 + 5x = 11.8x - 3.4$$

$$-2.8 = 6.7x - 3.4$$

$$\frac{6.7}{6.7} = \frac{6.7}{6.7} x$$

$$-5.373134 = x$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why
$12.3 = -4.1y - 9.2$ $+ 9.2$ <hr/> $21.5 = -4.1y$ $\frac{21.5}{-4.1} = \frac{-4.1y}{-4.1}$ $-5.2439024 = y$	

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

$$-5.1x - 5.1x$$

$$\begin{array}{r} -2.8 = 6.7x + (-3.4) \\ +3.4 \qquad \qquad +3.4 \end{array}$$

$$\begin{array}{r} 0.6 = 6.7x \\ \underline{6.7} \quad \underline{6.7} \end{array}$$

$$\boxed{1.1166 = x}$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why
$\begin{array}{r} 1y + 12.3 = -4.1y + (-9.2) \\ 1y \qquad \qquad -4.1y \\ \hline 12.3 = -5.1y + (-9.2) \\ +9.2 \qquad \qquad +9.2 \\ \hline 21.5 = -5.1y \\ \underline{-5.1} \quad \underline{-5.1} \\ -\frac{21.5}{5.1} = y \end{array}$	

9) Solve for x:

$$\frac{4x+12}{-4x} = \frac{-9x}{-4x}$$

$$\frac{12}{3} = -13x$$

$$\frac{4}{-13} = \frac{-13x}{-13}$$

$$\boxed{-\frac{4}{13} = x}$$

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

$+6.2x \quad +6.2x$

$$14.1x + 19.1 - 8.2x = 12.8$$

$$12.1x + 19.1 = 12.8$$

$-19.1 \quad -19.1$

$$\frac{12.1x}{12.1} = \frac{-6.3}{12.1}$$

$$\boxed{x = -\frac{6.3}{12.1}}$$

Post



OTyrFDF

Student absent

Erkovich. Prd. 2

Unit 18 Review of Linear Equations – Form A

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1) Solve for y

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x :
 $4x + 8x = 9$

4) Solve for y :
 $3y + (-8) = 5 + 4y$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x :

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

8) Solve for y :

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Post



E2c6E5k

Evlovich. Prd. 2

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

$$-7 \quad -7$$

$$\frac{5}{5} \quad \frac{5}{5}$$

$$y = -1$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

$$(6) \quad \frac{x}{-5} \quad (6)(-5)$$

$$x = -30$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array}$$

3) Solve for x:

$$4x + 8x = 9$$

$$\begin{array}{r} 12 \times 9 = 12 \\ 12 \end{array} \quad \begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array} \quad \begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$$

$$x = .75$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$3y + (-8) = 5 + 4y$ $3y + = 3 + 4y$ $\frac{y}{4} \frac{4x}{4}$ $y = 4$	<p>I subtracted the eight from the five and then subtract the 3 from the 4 and got 1 and then divided.</p>

5) Solve for y :

$$6 + (-7y) = -1 + 2y$$

$$(-74) = 5 \begin{matrix} 12y \\ -29 \end{matrix}$$

$$\frac{5}{4} \quad \frac{5}{5}$$

$$y = -5$$

6) Solve for x :

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$ \begin{array}{r} -3.2x + 4.1 = 12.8 + 6.4x \\ \underline{-4.1 \quad -4.1} \\ -3.2x = 8.7 + 6.4x \\ \underline{-3.2x} \\ 6.4x = 8.7 \\ \underline{6.4} \\ x = 1.36 \end{array} $	<p>I subtracted 4.1 from both sides the subtraction -3.2 from that was subtracted like terms</p>

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

$$\begin{array}{r} \overset{4}{5} 1x = \overset{-2.8}{9.0} + (-3.4) \\ \underline{-3.4} \\ 1.7x = 9.0 \\ \underline{1.7} \quad \underline{1.7} \end{array}$$

$x = 5.0$

$$\begin{array}{r} 1.7 \overline{) 90.0} \\ \underline{85} \\ 50 \end{array}$$

$$\begin{array}{r} \overset{4}{1} 7 \\ \times 5 \\ \hline 162 \end{array}$$

$$\begin{array}{r} \overset{3}{1} 7 \\ \times 5 \\ \hline 85 \end{array}$$

$$\begin{array}{r} \overset{2}{1} 7 \\ \times 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \overset{2}{1} 7 \\ \times 3 \\ \hline 51 \end{array}$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why
$\begin{array}{r} y + 12.3 = \overset{3}{-4.1}y + (-9.2) \\ \underline{-12.3} \quad \underline{-12.3} \\ y + 11.8y + (-9.2) \\ 11.8y - 9.2 \end{array}$ $\begin{array}{r} \overset{4}{9} \overline{) 11.8} \end{array}$	<p>I subtracted the 12.3 from $-4.1y$ then subtracted that by -9.2 then divided.</p>

9) Solve for x:

$$\frac{4x+12}{3} = -9x$$

$$\frac{4x}{3} = \cancel{3} \times (3)$$

$$\frac{12}{3} x = 11$$

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

$$-19.1$$

$$-19.1$$

$$14.1x + (-8.2x) = -6.2x + 3.7$$

$$-8.2x + 8.2x = -3.7$$

$$-8.2x \quad 6.5$$

$$-8.2x \quad -8.2x$$

$$x = 1.2$$

$$\begin{array}{r} 1.2 \\ 66 \overline{) 80.00} \\ \underline{-66} \\ 14.00 \\ \underline{-13.2} \\ 0.80 \end{array}$$

$$\begin{array}{r} 66 \\ \times 3 \\ \hline 198 \end{array}$$

$$\begin{array}{r} 66 \\ \times 2 \\ \hline 132 \end{array}$$

Post



Qro3hJX

Erkovich. Prd. 2

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1) Solve for y

$$\begin{array}{r} 7 + 5y = 2 \\ -7 \quad -7 \end{array}$$

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

$$y = -1$$

2) Solve for x:

$$\begin{array}{r} \frac{x}{-5} + 8 = -2 \\ -8 \quad -8 \end{array}$$

$$\frac{x}{-5} = 10(-5)$$

$$x = -50$$

3) Solve for x:

$$4x + 8x = 9$$

$$\frac{12x}{12} = \frac{9}{12}$$

$$x = 7.5$$

$$\begin{array}{r} 7.5 \\ 12 \overline{) 90} \\ \underline{84} \\ 60 \end{array}$$

$$\begin{array}{r} 12 \\ 1 \overline{) 12} \\ \underline{12} \\ 0 \end{array}$$

$$\begin{array}{r} 12 \\ 1 \overline{) 12} \\ \underline{12} \\ 0 \end{array}$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$3y + (-8) - (-8) = 5 + 4y - (-8)$	Subtract (-8) from both sides
$3y = 13 + 4y$ $\underline{4y} \quad \underline{4y}$	Subtract $4y$ from both sides
$-1y = 13$ $\underline{-1} \quad \underline{-1}$	Divide by -1 to both sides
$y = -13$	Answer

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

$$\begin{array}{r} -6 \quad -6 \\ \hline -7y = 7 + 2y \\ -2y \quad -2y \\ \hline 9y = 7 \\ \frac{9y}{9} \quad \frac{7}{9} \\ y = 7.7 \end{array}$$

$$\begin{array}{r} 1 \\ 7 \overline{) 108} \\ \underline{63} \downarrow \\ 70 \end{array}$$

$$\begin{array}{r} 1.200 \\ 8.7 \overline{) 104.1} \\ \underline{73.6} \\ 30.5 \\ \underline{25.6} \\ 4.9 \end{array}$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$-3.2x + 4.1 - 4.1 = 12.8 - 4.1 + 6.4x$	Subtract 4.1 from both sides
$-3.2x = 8.7 + 6.4x$	Subtract
$\begin{array}{r} -3.2x = 8.7 + 6.4x \\ -6.4x \quad \underline{-6.4x} \end{array}$	Subtract 6.4x from both sides
$\begin{array}{r} -3.2x = 8.7 \\ \underline{-3.2} \quad \underline{-3.2} \end{array}$	Divide both sides by -3.2
$x = -2.7$	Answer

$$\begin{array}{r} 1.4 \\ 3.2 \overline{) 4.48} \\ \underline{9.6} \\ 1.60 \\ \underline{9.6} \\ 0.64 \end{array}$$

7) Solve for x:

$$\begin{array}{r} -2.8 + 5.1x = 11.8x + (-3.4) \\ \underline{-2.8} \qquad \qquad \underline{-2.8} \\ \qquad \qquad \qquad 6 \end{array}$$

$$\begin{array}{r} 11.8 \\ 5.1 \\ \hline 6.7 \end{array} \quad \begin{array}{r} 5.1x = 11.8x + -6 \\ \underline{11.8} \quad \underline{11.8} \\ 6.7x = -6 \\ \underline{6.7} \quad \underline{6.7} \end{array}$$

$$x = .89$$

$$\begin{array}{r} 3.075 \\ 67 \overline{) 608.0} \\ \underline{536} \\ 64 \end{array}$$

$$\begin{array}{r} 4 \\ 67 \\ \hline 969 \end{array} \quad \begin{array}{r} 6 \\ 67 \\ \hline 603 \end{array} \quad \begin{array}{r} 5 \\ 67 \\ \hline 536 \end{array}$$

$$\begin{array}{r} 12 \\ 42.3 \\ \hline -9.2 \\ \hline 3.1 \end{array}$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why.
$y + 12.3 - 12.3 = -4.1y + (-9.2) - 12.3$	Subtract both sides by 12.3
$y = -4.1y + 3.1$ $\underline{-4.1y} \quad \underline{-4.1y}$	Subtract both sides by -4.1y.
$\underline{-4.0x = 3.1}$ $\underline{-4.0} \quad \underline{-4.0}$	Divide both sides by -4.0
$x =$	Answer

9) Solve for x:

$$\frac{4x+12}{3-12} = -9x$$

$$\frac{4x}{-9} = -9x$$

$$\frac{4x - (-9x)}{-9}$$

$$\frac{-9 = 13x}{13 \quad 13}$$

$$- = X$$

$$\begin{array}{r} 13 \overline{) 1708} \\ \underline{78} \\ 120 \end{array}$$

$$\begin{array}{r} 1 \\ 13 \\ \underline{13} \\ 0 \end{array}$$

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Post



udA9670

Evkovich . Prd. 2

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

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

$$y = -1$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

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

$$x = 2$$

3) Solve for x :

$$4x + 8x = 9$$

The figure consists of two separate line graphs, labeled (a) and (b). Both graphs plot 'Rate of reaction' on the y-axis against 'Temperature' on the x-axis. Graph (a) shows a curve that starts at a low rate at low temperatures and rises very steeply as temperature increases, indicating a high activation energy. Graph (b) shows a similar curve, but the rate increases much more gradually with temperature, indicating a lower activation energy.

[illegible]

100

X- 0.015

4) Solve for y :

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$ \begin{array}{r} 37 + (12 + 5 + 9) \\ + 15 \\ \hline 37 + 12 + 5 + 9 + 15 \\ = 78 \end{array} $	

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

$$-6 - 6 \quad -7y - 6$$

$$-3y \quad 3$$

$$-3y \quad -3$$

$$-0.3333333333$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

∫

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Post



HsN9sHn

Erkovich - Prd. 2

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

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

$$y = -1$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

$$\frac{x}{-5} + 8 = -2$$

$$x = -50$$

3) Solve for x:

$$\begin{array}{r}
 4x + 8x = 9 \\
 -4x \quad -8x \\
 \hline
 0 = 9 \\
 0 = 9 \\
 x = .1625
 \end{array}$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$ \begin{array}{r} 3y + (-8) = 5 + 4y \\ +8 \quad +8 \\ \hline 3y = 5 + 12y \\ -3y \quad -3y \\ \hline 0 = 5 + 9y \\ -5 \quad -5 \\ \hline -5 = 9y \\ \div 9 \quad \div 9 \\ -5/9 = y \end{array} $	<p> Add 8 Subtract 3 Subtract y Add 5 + 9y </p>

5) Solve for y:

$$\underset{-6}{6} + \underset{-6}{(-7y)} = \underset{-6}{-1} + 2y$$

$$(-7y) = -7 + 2y$$

$$(-7y) = -1 + y$$

$$(-7y) = -1 + y$$

$$y = 1$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$-3.2x + 4.1 = 12.8 + 6.4x$ $-4.1 = -4.1$ $-3.2x \quad 0.1 + 6.4x$ $-3.2 \quad -3.2$ $x = 0.1 + 3.2x$ $-x \quad -x$ $0.1 = 2x$ $11.2x$	<p>Subtract 4.1</p> <p>Subtract 6.4x</p> <p>Subtract 3.2x</p> <p>Divide both sides by 2</p>

7) Solve for x:

$$\begin{array}{rcl}
 -2.8 + 5.1x & = & 11.8x + (-3.4) \\
 +2.8 & & +2.8 \\
 \hline
 5.1x & = & 11.8x + -0.6 \\
 -5.1x & & -5.1x \\
 \hline
 & & 6.7x + -0.6 \\
 & & \hline
 & & 6.7x
 \end{array}$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why
$ \begin{array}{rcl} y + 12.3 & = & -4.1y + (-9.2) \\ -12.3 & & -12.3 \\ \hline y & = & -4.1y + -21.5 \\ +4.1y & & +4.1y \\ \hline 5.1y & = & -21.5 \\ \frac{5.1y}{5.1} & = & \frac{-21.5}{5.1} \\ y & = & -4.215 \end{array} $	<p>subtract -12.3</p> <p>subtract -4.1y</p> <p>divide 5.1</p>

9) Solve for x:

$$\frac{4x+12}{3} = -9x \cdot 3$$

$$\begin{array}{r} 4x+12 \\ -4 \end{array} = \begin{array}{r} -27x \\ -4 \end{array}$$

$$\begin{array}{r} 12 \\ -31 \end{array} = \begin{array}{r} -31x \\ -31 \end{array}$$

$$-0.322x$$

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

$$\begin{array}{r} 14.1x + 19.1 \\ -14.1 \end{array} + (-8.2x) = \begin{array}{r} -6.2x + 12.8 \\ -14.1 \end{array}$$

$$\begin{array}{r} (-8.2x) \\ -6.2 \end{array} = \begin{array}{r} -6.2x + (-20.1) \\ -6.2 \end{array}$$

$$\begin{array}{r} (-8.2x) \\ -6.2 \end{array} = \begin{array}{r} -26.6 \\ 0.2 \end{array}$$

$$x = 3.0713$$

Post



zt5vuLM

Evlovich . Prd . 2

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x :

$$4x + 8x = 9$$

4) Solve for y :

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why
$y + 12.3 = -4.1y + (-9.2)$ $y + 12.3 = -4.1y - 9.2$ $y + 4.1y + 12.3 = -9.2$ $5.1y + 12.3 = -9.2$ $5.1y = -9.2 - 12.3$ $5.1y = -21.5$ $y = \frac{-21.5}{5.1}$ $y \approx -4.2157$	$y + 12.3 = -4.1y - 9.2$ $y + 4.1y + 12.3 = -9.2$ $5.1y + 12.3 = -9.2$ $5.1y = -9.2 - 12.3$ $5.1y = -21.5$ $y = \frac{-21.5}{5.1}$ $y \approx -4.2157$

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$



Post

W4712vM

Student absent

Exhorted. Prd. 2

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x :

$$4x + 8x = 9$$

4) Solve for y :

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x :

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

8) Solve for y :

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Post



nag5fy8

Erkovich-Prodz

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x :

$$4x + 8x = 9$$

4) Solve for y :

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x :

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

8) Solve for y :

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why

9) Solve for x :

$$\frac{4x+12}{3} = -9x$$

10) Solve for x :

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Post



a8YLu01

Ev/20vich.Prd. 2

Unit 18 Review of Linear Equations – Form A

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

$$\begin{array}{r} 7 + 5y = 2 \\ -7 \quad -7 \\ \hline 5y = -5 \\ \frac{5}{5} \quad \frac{-5}{5} \end{array}$$

$$y = -1$$

2) Solve for x:

$$-5 \cdot \frac{x}{-5} + 8 = -2 \cdot -5$$

$$\begin{array}{r} x + 8 = 10 \\ -8 \quad -8 \\ \hline x = 2 \end{array}$$

3) Solve for x:

$$\begin{array}{r}
 4x + 8x = 9 \\
 - 4x - 4x \\
 \hline
 4x = 9 \\
 \frac{4x}{4} = \frac{9}{4}
 \end{array}$$

$$x = 2.25$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$ \begin{array}{r} 3y + (-8) = 5 + 4y \\ - 3 \qquad \qquad - 3 \\ \hline -8 = 5 + 1y \\ - 5 \quad - 5 \\ \hline -13 = 1y \\ \frac{-13}{1} = \frac{1y}{1} \\ -13 = y \end{array} $	<p>minus 3y, minus 5 divid by 1</p>

5) Solve for y:

$$\begin{array}{r}
 6 + (-7y) = -1 + 2y \\
 +7 \quad \quad +7 \\
 \hline
 13 = -1 + 9y \\
 +1 \quad \quad +1 \\
 \hline
 14 = 9y \\
 \frac{14}{9} \quad \frac{9}{9}
 \end{array}$$

$$y = 1.2857$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$ \begin{array}{r} -3.2x + 4.1 = 12.8 + 6.4x \\ +3.2x \quad \quad +3.2x \\ \hline 4.1 = 12.8 + 9.6x \\ -12.8 \quad -12.8 \\ \hline -8.7 = 9.6x \\ \frac{-8.7}{9.6} \quad \frac{9.6}{9.6} \end{array} $ $-0.90625 = x$	<p>add add 3.2x</p> <ul style="list-style-type: none"> subtract 12.8 divide by 9.6

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

$$\begin{array}{r} -5.1 \\ -5.1 \end{array}$$

$$\begin{array}{r} -2.8 = 6.7x + -3.4 \\ + 3.4 \qquad \qquad + 3.4 \\ \hline 0.6 = 6.7x \\ \hline 0.6 \quad 6.7 \quad 6.7 \end{array}$$

$$0.08955 = x$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why
$\begin{array}{r} y + 12.3 = -4.1y + (-9.2) \\ 12.3 = 5.1y + -9.2 \\ + 9.2 \qquad \qquad + 9.2 \\ \hline 21.5 = 5.1y \\ \hline 5.1 \quad 5.1 \end{array}$	<ul style="list-style-type: none"> • add 14 • add 9.2 • divide 5.1
$4.215686275 = y$	

9) Solve for x:

$$3 \cdot \frac{4x+12}{3} = -9x \cdot 3$$

$$\begin{array}{r} 4x + 12 = -93x \\ + 93 \quad \quad + 93 \\ \hline 97x = 12 \\ \frac{97}{97} \quad \frac{97}{97} \end{array}$$

$$x = 0.0833$$

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

$$\begin{array}{r} + 8.2 \quad \quad + 8.2 \\ \hline 22.3x + 19.1 = -6.2x + 12.8 \end{array}$$

$$\begin{array}{r} + 6.2 \quad \quad + 6.2 \\ \hline 28.5x + 19.1 = 12.8 \end{array}$$

$$\begin{array}{r} - 19.1 \quad - 19.1 \\ \hline 28.5x = -6.3 \\ \frac{28.5}{28.5} \quad \frac{28.5}{28.5} \end{array}$$

$$x = 0.221052631$$

Post



z3GhRzh

Evkovich. Prd. 2

Unit 18 Review of Linear Equations – Form A

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

$$7 + 5y = 2$$

$$\begin{array}{r} -7 \\ -7 \end{array}$$

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

$$\boxed{y = 1}$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

$$\begin{array}{r} -5 \\ -5 \end{array}$$

$$\begin{array}{r} x \\ * -5 \\ -5 \end{array} = \begin{array}{r} -10 \\ * -5 \\ -5 \end{array}$$

$$\boxed{x = 50}$$

3) Solve for x:

$$4x + 8x = 9$$

$$\frac{12x}{12} = \frac{9}{12}$$

$$x = \frac{9}{12}$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$\begin{array}{r} 3y + (-8) = 5 + 4y \\ -3y \quad -3y \\ \hline -8 = 5 + y \\ -5 \quad -5 \\ \hline -13 = y \end{array}$	

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

$$6 = 1 + 9y$$

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

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

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$ \begin{array}{r} -3.2x + 4.1 = 12.8 + 6.4x \\ -6.4x \qquad \qquad -6.4x \\ \hline -9.6x + 4.1 = 12.8 \\ -4.1 \quad -4.1 \\ \hline -9.6x = 8.7 \\ \hline \frac{-9.6x}{-9.6} = \frac{8.7}{-9.6} \\ \hline \boxed{x = \frac{8.7}{-9.6}} \end{array} $	