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Embarch · Rd · 1

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

$$7 + 5y = 2$$
$$-7 \quad -7$$

$5y = -5$

$y = 0$

2) Solve for x:

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

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

$\times 5 \quad \times 5$

$x = -50$

3) Solve for x:

$4x + 8x = 9$
$-4 \quad -4$

$x + 8x = 5$
$9x = 5$
$-5 \quad -5$
$x = 4$

4) Solve for y:

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

Show your work here	For each step, explain why
$3y + (-8) = 5 + 4y$ $+8 \quad +8 \quad -4 \quad -4$ $11y = 1y$ $12y$	Copy to see problem better Do opposites to get subproblems. Answers final Answer

5) Solve for y:

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

$-6 \quad -6 \quad +1 \quad +1$

$-13y = 3y$

$-10y$

6) Solve for x:

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

Show your work here	For each step, explain why
$-4.1 \quad -4.1 \quad -12.8 \quad -12.8$ $-7.3x = -6.4x$ -13.7	— Subtract from both sides — Answers — final Answer

7) Solve for x:

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

$+2.8 \quad +2.8 \quad +3.4 \quad +3.4$

$7.9 = 15.2x$

$23.1x$

8) Solve for y:

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

Show your work here	For each step, explain why
$-12.3 \quad -12.3 = +9.2 \quad +9.2$ $-11.3y = 5.1y$ $-6.2y$	– Add/subtract both sides – Answers – final Answer

9) Solve for x:

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

$\frac{0.333}{3}$ $= -9x$

-3 -3

$= \frac{0.333}{-12x}$

10) Solve for x:

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

-19.1 -19.1 -19.1 -12.8 -12.8

$(-5x) + (-27.3x) = -19x$

$-32.3x = -19x$

$-51.3x$

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x3A11ty

Ev/hourch - Prd. 1

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:

$4x + 8x = 9$

$12x = 9$

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:

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

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EVbovtch - pvd.1

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:

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

$-8 \quad -8$

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

$x = -30$

3) Solve for x:

$4x + 8x = 9$

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

$x = 0.75$

4) Solve for y:

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

Show your work here	For each step, explain why
$7y + -8 = 5$ $-8 \quad -8$ $\frac{7y}{7} \quad \frac{13}{7}$ $y = 0.538$	

5) Solve for y:

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

$6 + (-9y) = -1$

$-6 \quad\quad -6$

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

$y = 0.7\overline{7}$

6) Solve for x:

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

Show your work here	For each step, explain why
$-9.6x + 4.1 = 12.8$ $-4.1 \quad -4.1$ $\frac{-9.6x}{-9.6} \quad \frac{8.7}{9.6}$ $x = -0.906$	

7) Solve for x:

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

$-2.8 + 16.9x = (-3.4)$

$-2.8 \qquad -2.8$

$\frac{16.9x}{16.9} - \frac{6.2}{16.9}$

$x = -0.3666$

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 $\frac{3.1}{-4.1} = \frac{-4.1y}{-4.1}$ -0.756	

9) Solve for x:

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

$\frac{16x}{3} = -9x$

10) Solve for x:

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

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Evkovich · Pd. 1

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

$$7 + 5y = 2$$

$$-7 \quad -7$$

$$5y = -5$$

$$y = -1$$

2) Solve for x:

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

3) Solve for x:

$4x + 8x = 9$

$-9 \quad -9$

-5

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:

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

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Evkovich · Prd. 1

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

$7 + 5y = 2$

$-5 \quad -5$

$2y = 2$

$2 \times 1 = 2$

$y = 1$

2) Solve for x:

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

$8 - 5 = x$

$x = +6$

3) Solve for x:

$4x + 8x = 9$

$12x = 9$

$x = 1.3333333$

4) Solve for y:

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

$-8 = 5 + y$ $\quad 5y = -8$ $\quad y = -1.6$

Show your work here	For each step, explain why

5) Solve for y:

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

$6 = -1 + -9y$

$y = -1.5$

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:

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

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Evkovich. Pd. 1

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

$$7 + 5y = 2$$

$-7 \quad -7$

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

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

2) Solve for x:

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

$-8 \quad -8$

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

$\cdot -5 \quad \cdot -5$

$x = 50$

3) Solve for x:

$4x + 8x = 9$

4) Solve for y:

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

Show your work here	For each step, explain why
$3y + -8 = 5 + 4y$	

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:

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

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Dvlovich. Pd. 1

Unit 18 Review of Linear Equations – Form A

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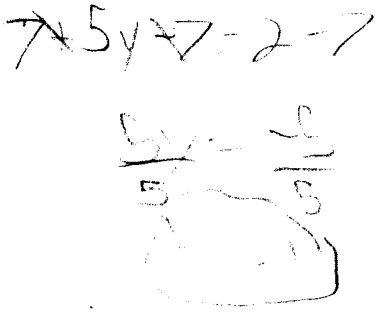
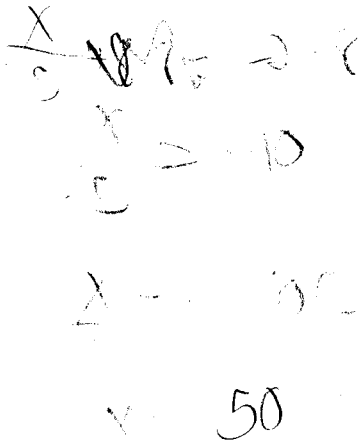
1) Solve for y

$$7 + 5y = 2$$



2) Solve for x:

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



3) Solve for x:

$4x + 8x = 9$

$12x + 8x = 9$

$20x = 9$

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

$\therefore \frac{5}{11}$

4) Solve for y:

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

Show your work here	For each step, explain why
$3y + (-8) = 5 + 4y$ $-8 = 5 + 1y - 3$ $y - 5 = 4y - 5y$ $-13 = y$	Subtract 3y from both sides Simplify Subtract 5 from both sides Simplify

5) Solve for y:

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

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

$7 = 9y$

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

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:

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

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Evkovich. Prd. 1

Unit 18 Review of Linear Equations – Form A

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1) Solve for y

$7 + 5y = 2$

$-7 \quad -7$

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

$y = -1$

2) Solve for x:

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

$-8 \quad -8$

$-5 \cdot \frac{x}{-5} = 6 \cdot -5$

$x = -30$

3) Solve for x:

$4x + 8x = 9$

$12x = 9$

$\frac{}{12} \quad \frac{}{12}$

[redacted]

$x = 1.888$

1.8
9|17
-9
/
39
-36
/
3

4) Solve for y:

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

Show your work here	For each step, explain why
$3y + (-8) = 5 + 4y$ $+8 \quad -8$ $3y = -13 + 4y$	

5) Solve for y:

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

$-6 \quad -6$

$-7y = 7 + 2y$

6) Solve for x:

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

12.8
−4.1
8.7

Show your work here	For each step, explain why
$-3.2x + 4.1 = 12.8 + 6.4x$ $-4.1 \quad -4.1$ $-3.2x = 8.7 + 6.4x$ $-3.2x \quad -3.2x$ $8.7 + -2x$	

7) Solve for x:

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

$-2.8 \qquad -2.8$

$5.1x = 11.8x + .6$

$\frac{5.1x}{5.1} = \frac{11.8x}{5.1} + \frac{.6}{5.1}$

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:

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

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Erkovich. Pod. 1

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:

$$7 + 5y = 2$$

$7 - 7 + 5y = 2 - 7$

$5y = -5$

$y = -1$

2) Solve for x:

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

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

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

$x = 50$

3) Solve for x:

$4x + 8x = 9$

$4|x = 9$

$x = 2.25$

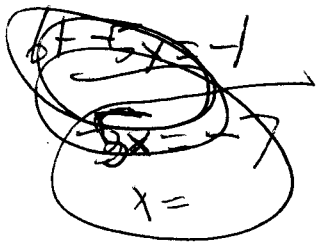
4) Solve for y:

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

Show your work here	For each step, explain why
$3y+(-8)=5+4y$ $-8=5+1y$ $-13=1y$ $-13=y$	I subtracted 4y-3y & got 1 y. Then I had -8 on the left side = 5+1y then I subtracted 5 from both sides and got -13=y

5) Solve for y:

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



$6+9y=-1$

$9y=-7$

$y=-1.2857$

6) Solve for x:

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

Show your work here	For each step, explain why
$-3.2x+4.1=12.8+6.4x$ $4.1=12.8+3.2x$ $-8.7=3.2x$ $-2.71875=x$	I took $6.4x-3.2x$ & got $3.2x$ then I had $4.1=12.8+3.2x$ then subtracted 12.8 from both sides then $-8.7=3.2x$ answer is -2.71875

7) Solve for x:

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

$-2.8 = 6.7x + -3.4$

$-6.2 = 6.7x$

$-1.0806 = x$

8) Solve for y:

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

Show your work here	For each step, explain why
$12.3 = -3.1y + (-9.2)$ $21.5 = -3.1y$ $-0.144 = x$	Do $-4.1y - y$ to get $-3.1y$ then added 9.2 to each side to get $21.5 = -3.1x$ then my answer was $-0.144 = x$

9) Solve for x:

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

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

$4 = -13x$

$-.325 = x$

10) Solve for x:

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

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Evkovich. Prd. 1

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

$7 + 5y = 2$

$7+5y=2$

$-7 \quad -7 \quad -5$

$\frac{-5}{5}$ $-1=y$

2) Solve for x:

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

$-2-8$

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

$2=x$

3) Solve for x:

$4x + 8x = 9$

$9\frac{4}{5} = 5$

$\frac{8}{5}$

$1.6 = x$

4) Solve for y:

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

Show your work here	For each step, explain why
$3y+(-8)=5+4y$ $3y=5-8+4y$ $3y+4y=5-8$ $7y=-3$	

5) Solve for y:

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

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

$6=1+2y-7y$

$6+$

6) Solve for x:

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

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

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:

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

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Evkovich. Prd. 1

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:

$$\frac{x}{-5} + 8 = -2$$
$$-8 \quad -8$$
$$\frac{x}{-5} = -10$$
$$x = 50$$

3) Solve for x:

$4x + 8x = 9$

MATH

$\frac{4x}{4} + 8x = \frac{9}{4}$

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

$x = .75$

4) Solve for y:

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

Show your work here	For each step, explain why
$3y + (-8) = 5 + 4y$ $-3y \quad -3y$ $-8 = 5 + 1y$ $-5 \quad -5$ $-13 = 1y$ $\frac{}{1} \quad \frac{}{1}$ $y = -13$	you have to get Y on one side. To do that you have to add the ys together. Then what ever you do to one side you have to do to the other

5) Solve for y:

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

$+7y \quad +7y$

$6 = -1 + 9y$

$+1 \quad +1$

$7 = 9y$

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

$1.29 = y$

6) Solve for x:

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

Show your work here	For each step, explain why
$-3.2x + 4.1 = 12.8 + 6.4x$ $+3.2x \quad +3.2x$ $4.1 = 12.8 + 9.6x$ $-12.8 \quad -12.8$ $-8.7 = 9.6x$ $\frac{-8.7}{9.6} = \frac{9.6x}{9.6}$ $-1.10 = x$	First move all x's to one side. Then you have to get x alone so what ever you do to one side you have to do to the other.

7) Solve for x:

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

$-5.1x \quad -5.1x$

$-2.8 = 6.7x + (-3.4)$

$+3.4 \quad +3.4$

$.6 = 6.7x$

$6.7 \quad 6.7$

$.16 = x$

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:

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

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Evkovich. Prd. 1

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

$7x + 5y = 2$

2) Solve for x:

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

3) Solve for x:

$4x + 8x = 9$

4) Solve for y:

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

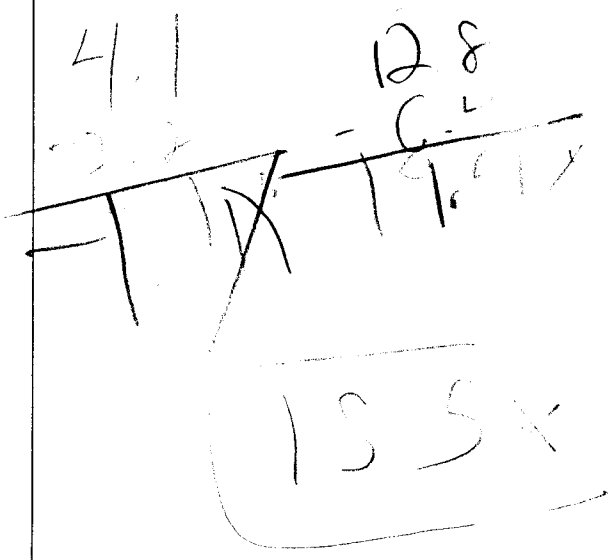
Show your work here	For each step, explain why
$\frac{-5}{2}$ $-7y$	

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:

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

$-3x$

10) Solve for x:

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

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Ehrovich. Pd. 1

Unit 18 Review of Linear Equations – Form A

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1) Solve for y

$7 + 5y = 2$

$-7 \quad -7$

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

$y = -1$

2) Solve for x:

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

$-8 \quad -8$

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

$x = 50$

3) Solve for x:

$4x + 8x = 9$

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

$x = .75$

4) Solve for y:

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

Show your work here	For each step, explain why
$3y + (-8) = 5 + 4y$ $-8 \quad -8$ $3y = 13 + 4y$ $\frac{7y}{7} = \frac{13}{7}$ $y = 1.857142857$	For each of my steps I added the opposite to get y alone.

5) Solve for y:

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

$-6 \qquad -6$

$-7y = -7 + 2y$

$-2y$

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

$y = .777777$

6) Solve for x:

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

Show your work here	For each step, explain why
$-3.2x + 4.1 = 12.8 + 6.4x$ $-4.1 \quad -4.1$ $\frac{-3.2x}{-6.4} = \frac{8.7}{-} + \frac{6.4x}{-6.4x}$ $\frac{-9.6x}{-9.6} = \frac{8.7}{-9.6}$ $x = -0.90625$	I did opposites for all to get x to the [illegible] side and got it there

7) Solve for x:

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

$+2.8 \qquad + 2.8$

$5.1x = 11.8x + -.6$

$-11.8x \qquad -11.8x$

$\frac{-6.7x}{-6.7} = \frac{-.6}{-6.7}$

$x = .08955223$

8) Solve for y:

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

Show your work here	For each step, explain why
$y + 12.3 = -4.1y + (-9.2)$ $-12.3 \qquad -12.3$ $y = -4.1y + -21.5$ $+4.1 \qquad +4.1$ $\frac{5.1y}{5.1} = \frac{-21.5}{5.1}$ $y = -4.215686275$	I did opposite for all to get y by its self

9) Solve for x:

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

$4x + 12 = -27x$

$-12 \quad = \frac{-31x}{-31}$

$\frac{-12}{-31}$

$x = -.38709774$

10) Solve for x:

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

$-19.1 \qquad\qquad -19.1$

$14.1x + (-8.2x) = -6.2x + -6.3$

$5.9x = -6.2x + -6.3$

$+6.2$

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

$x = -.52066157$

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Evkovich . Prd. 1

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

$7 + 5y = 2$

$-7 \quad -7$

$\frac{-2y}{2} = \frac{-2}{2}$ $\quad y = 1$

2) Solve for x:

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

$\times 5$

$x + 40 = -2$

$-5 \quad -5$

$\frac{35}{2} = \frac{-2}{2}$ $\quad x = 17$

$2\overline{)35}$ $\quad 17$

2

15

3) Solve for x:

$4x + 8x = 9$

$\frac{12x}{3} = \frac{9}{3}$

$4x$

$4 = x$

4) Solve for y:

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

Show your work here	For each step, explain why
$12y + (-8) = 5$ $+8 \quad +8$ $12y + 16 = 13$ -16 $\frac{12y}{3} = \frac{-3}{3}$ $y = -1$	first i put the y's together than i added 8 to both sides than i subtracted 16 from both sides, and than divided by 3 and got $y = 4$.

5) Solve for y:

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

$+7 \quad +7$

$6 + 9y = 1$

$-6 \quad -6$

$9y = 7$

$9 = y$

6) Solve for x:

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

3.2
+6.4
9.8

Show your work here	For each step, explain why
$9.8x + 4.1 = 12.8$ $-4.1 \quad -4.1$ 8.7 $\frac{9.8x}{8.7} = \frac{8.7}{8.7}$ $1.1 = x$	first i put the x's together than subtracted 4.1 from both sides, than Subtracted by 8.7

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
$5.1 + 12.3 - 9.2$ $-12.3 \quad -12.3$ $5.1 + 3.1$ $3.1 \quad 3.1$ $2 = y$	first i put the y's together than i subtracted -12.3 than i subtracted 3.1

9) Solve for x:

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

$13x + 12 \div 3$

$-12 \quad -12$

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

$x = 9$

10) Solve for x:

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

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Erkovich.Rd.1

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:

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

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Ehrlich.Brd.1

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:

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

3) Solve for x:

$4x + 8x = 9$

$-4x \quad -4x$

$\frac{8x}{8} \quad \frac{5}{8}$

$x = 0.125$

4) Solve for y:

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

Show your work here	For each step, explain why

5) Solve for y:

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

$-6 \quad -6 \quad +1 \quad +1$

$\frac{1}{2} = \frac{2y}{2}$

$1 = y$

6) Solve for x:

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

Show your work here	For each step, explain why
$-3.2x+4.1=12.8+1x$ $-4.1 \quad -4.1$ $\frac{3.2x}{3.2} = \frac{6.4}{3.2}$ $x = 2.0$	

7) Solve for x:

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

$+2.8 \qquad +3.4$

$\frac{5.1x}{5.1} = \frac{11.8}{5.1}$

$x = 2.25$

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:

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

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i0PeR6q

Evkovich. Prd. 1

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:

$$\frac{x}{-5} + 8 = -2$$
$$-8 \quad -8$$
$$\frac{x}{-5} = -10$$
$$-5 \times \frac{x}{-5} = -10 \times -5$$
$$x = 50$$

3) Solve for x:

$4x + 8x = 9$

4) Solve for y:

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

Show your work here	For each step, explain why
$3y + (-8) = 5 + 4y$ $-3y \quad\quad -3y$ $-8 = 5 + 1y$ $-5 \quad\quad -5$ $\frac{-13}{1} = \frac{1y}{1}$ $y = -13$	(1) Question & Subtract 3y from both sides (2) Subtract 5 from both sides (3) divide by 1 (4) Solution

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
$-3.2x + 4.1 = 12.8 + 6.4x$ $+3.2x \quad\quad +3.2x$ $4.1 = 12.8 + 9.6x$ $-12.8 \quad -12.8$ $\frac{-8.7}{9.6} = \frac{9.6x}{9.6}$ $x = \frac{-8.7}{9.6}$	① Question 1 & add $3.2x$ to each side ② Subtract 12.8 from both sides ③ divide

7) Solve for x:

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

$-5.1x \quad -5.1x$

$-2.8 = 6.7x + (-3.4)$

$+3.4 \quad +3.4$

$\frac{.6}{6.7} = \frac{6.7x}{6.7}$

$x = \frac{.6}{6.7}$

8) Solve for y:

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

Show your work here	For each step, explain why
$-y \quad -y$ $12.3 = -3.1y + (-9.2)$ $+9.2 \quad +9.2$ $\frac{21.5}{-3.1} = \frac{-3.1y}{-3.1}$ $y = \frac{21.5}{-3.1}$	① question + subtract y from both sides ② add to both sides ③ divide

9) Solve for x:

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

10) Solve for x:

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