ALEKS® Equations Game 2 #1

Beginning Algebra / Math 100 Fall 2013 – 506 (Prof. Miller)

Student Name/ID:

Instructor Note:
This assignment is to be used to make-up the equations board game if you were absent in math 193 that day. You may also use it to study.

1. Solve for v.

$$v - 9.45 = 5.1$$

2. Solve for u.

$$96 = 4u$$

Simplify your answer as much as possible.

3. Solve for y.

$$y - \frac{4}{5} = 4\frac{3}{4}$$

4. Solve for y.

$$9 = \frac{9y+5}{8} + \frac{y-6}{2}$$

Simplify your answer as much as possible.

5. Solve for u .

$$u+6 = -9$$

6. Solve for v .

$$-4v+\frac{7}{4} = -\frac{3}{4}v-\frac{2}{3}$$

Simplify your answer as much as possible.

7. Solve for u .

$$-\frac{3}{2} = -\frac{2}{7}u-\frac{9}{5}$$

Simplify your answer as much as possible.

8. Solve for u .

$$78-u = 168$$

9. Solve for u.

$$-5u - 18 = -2(u - 6)$$

Simplify your answer as much as possible.

10. Solve for u.

$$-5 = -18u$$

Simplify your answer as much as possible.

11. Solve for x.

$$72 = 3x + 12$$

Simplify your answer as much as possible.

12. Solve for x.

$$-2(8x - 5) + 2x = 4(x + 5)$$

Simplify your answer as much as possible.

13. Solve for y.

$$5(y + 5) - 8y = 31$$

Simplify your answer as much as possible.

14. Solve for w .

$$-21 = -\frac{3}{7}w$$

Simplify your answer as much as possible.

15. Solve for y .

$$3y-8=-20$$

Simplify your answer as much as possible.

16. For each equation, choose the statement that describes its solution.
If applicable, give the solution.

$3(w-2)-5w=-2(w+3)$

- No solution
- $w=$
- All real numbers are solutions

$5(2-v)-v=2(v+1)$

- No solution
- $v=$
- All real numbers are solutions

17. Solve for u .

$$5=u-3$$

Equations Game 2 #1 Answers for class Beginning Algebra / Math 100 Fall 2013 – 506

1. $v = 14.55$
2. $u = 24$
3. $y = 5\frac{11}{20}$
4. $y = 7$
5. $u = -15$
6. $v = \frac{29}{39}$
7. $u = -\frac{21}{20}$.
8. $u = -90$
9. $u = -10$
10. $u = \frac{5}{18}$
11. $x = 20$
12. $x = -\frac{5}{9}$
13. $y = -2$
14. $w = 49$
15. $y = -4$

16.

$3(w-2)-5w=-2(w+3)$

- ○ No solution
- ○ w =
- ◉ All real numbers are solutions

$5(2-v)-v=2(v+1)$

- ○ No solution
- ◉ v = 1
- ○ All real numbers are solutions

17. $u=8$