4.4 Algebraic Solution of Systems of Equations

1) C and D

3)

a) We need to substitute 1 for y back into the original equation and solve for x.

b) $(\frac{1}{3}, 1)$

5) $(-2, -\frac{4}{15})$

7)

b) $(4, \bar{}2)$

9) (7, 2)

11) Elimination is easier.

a) $(0, -\frac{4}{3})$

13) $(\bar{}10, 7)$

15) No solution

17)

a) $m = 0$

b) $m = 2$

c) m is undefined

d) $m = -1$

19)

a) $DISTANCE = \sqrt{52}$

b) $\sqrt{52} \approx 7.2$