

T-1Rev. A Handout Key

1. Yes
2. $x = 3$
3. $x = 7$
4. $x = 4$
5. No solution
6. $y = -1$
7. all real numbers
8. $m = \frac{4}{7}$, y -int $(0, -2)$
9. $m = -\frac{3}{4}$
10. (Graph) y -int $(0, -10)$ x -int $(6, 0)$
11. y values are: $-9, -7, -5, -3, -1, 1$
12. Horizontal: $y = -7$ Vertical: $x = -2$
13. $y = -\frac{1}{2}x + 1$
14. 18 employees per year
15. (Graph) $y = \frac{3}{2}x - 6$
16. $y = -x + 3$
17. $x = -5$
18. $y + 9 = \frac{1}{5}(x - 4)$
19. $y = 2x + 4$
20. $y = -3x + 6$
21. No;
When $x = 1$, there are two outputs, $(-5$ and $5)$.
22. 19
23. domain $\{-6, -3, 1, 2, 3\}$ range $\{-6, -2, 3, 4\}$
(in order, least to greatest)

T-1Rev. B Handout Key

1. D
2. C
3. B
4. C
5. D
6. C
7. C
8. B
9. C
10. A
11. A
12. B
13. A
14. C
15. A
16. C
17. C
18. B
19. C
20. B
21. C