

MATH 095 - Exam 1 Review Key

1. $\{64\}$
2. $\{24\}$
3. $\{40\}$
4. $\{-1\}$
5. \emptyset
6. $\{\text{all real numbers}\}$ or $\{\mathcal{R}\}$
7. $\{-12\}$
8. $\{15\}$
9. -4
10. 99 wins, 63 losses
11. 420 lbs.
12. 13,15
13. $\{10\}$
14. \$9.90
15. 4L
16. \$40,000 at 3%
\$110,000 at 4%
17. Northbound 60 mph
Southbound 80 mph
18. $[-1, \infty)$
19. $(-\infty, \frac{49}{2})$
20. $(-\frac{16}{3}, 8)$
21. $[2, 6]$
22. $(-\infty, \infty)$
23. $(-\infty, 6) \cup (9, \infty)$
24. $\{-6, 6\}$
25. $\{-6, 9\}$
26. $(-\infty, -\frac{7}{3}] \cup [3, \infty)$
27. $(-\infty, 2) \cup (8, \infty)$
28. $[-3, 4]$
29. $\{-19, 9\}$
30. $[-5, 9]$