

ANSWER KEY FOR EXTRA PRACTICE SHEETS

Extra Practice 13

1. domain = $\{-3, -2, -1, 0, 1, 2\}$; range = $\{4, 3, 2, 1\}$
2. domain = $\{x \mid -2 \leq x \leq 1\}$; range = $\{3\}$
3. domain = $\{x \mid -5 \leq x \leq 1\}$; range = $\{y \mid -2 \leq y \leq 4\}$
4. domain = $\{x \mid -1 \leq x \leq 4\}$; range = $\{y \mid -3 \leq y \leq 6\}$
5. domain = $\{x \mid -2 \leq x \leq 2\}$; range = $\{y \mid -4 \leq y \leq 2\}$
6. domain = $\{x \mid -5 \leq x \leq 2\}$; range = $\{y \mid -2 \leq y \leq 3\}$
7. x is a real number and $x \neq 2$; or $(-\infty, 2) \cup (2, \infty)$
8. All real numbers
9. All real numbers
10. x is a real number and $x \neq \frac{5}{6}$; or $(-\infty, \frac{5}{6}) \cup (\frac{5}{6}, \infty)$
11. x is a real number and $x \neq -\frac{3}{2}$; or $(-\infty, -\frac{3}{2}) \cup (-\frac{3}{2}, \infty)$
12. All real numbers
13. All real numbers
14. x is a real number and $x \neq -3$; or $(-\infty, -3) \cup (-3, \infty)$
15. All real numbers