

## ANSWER KEY FOR EXTRA PRACTICE SHEETS

### *Extra Practice 31*

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