UNIT 1 Characteristics of Functions

 1. C

 2. A No B Yes C Yes D No

 3. a. 

 b. C

 4. 

 5. Domain  Range 

 6. B

 7. A Yes B Yes C No D No

Practice and Problem Solving: C

 1. from *x*  0 to *x*  3, from *x*  1 to *x*  3, and from *x*  2 to *x*  3

 2. from *x*  0 to *x*  1, from *x*  0 to *x*  2, and from *x*  1 to *x*  2

 3. 



 4. 80 m at 2 sec

 5. increasing:

 6. decreasing:

 7. f(7)  45. A negative height does not make sense (it would be below ground). The lowest possible height for the problem situation is 0 m.

 8. 6 sec

 9. Domain:  Range: 