Lesson 5 Answer Key

Problem Set

1.  a. Units accurately labeled; disks accurately drawn; >
    b. Units accurately labeled; disks accurately drawn; <

2.  a. >
    b. >
    c. =
    d. <

3.  4,240 ft, 4,340 ft, 4,960 ft, 5,344 ft; Slide Mountain

4.  820; 2,008; 2,080; 8,002; 8,200

5.  728,000; 720,800; 708,200; 87,300

6.  Proxima Centauri 268,269 AUs, Alpha Centauri 275,725 AUs, Barnard’s Star 377,098 AUs, Sirius 542,774 AUs, Epsilon Eridani 665,282 AUs

Exit Ticket

1.  2,398 points, 2,699 points, 2,709 points, 2,976 points; Bonnie

2.  a. Answers will vary.
    b. Answers will vary.

Homework

1.  a. Units accurately labeled; disks accurately drawn; >
    b. Units accurately labeled; disks accurately drawn; <

2.  a. >
    b. <
    c. =
    d. >

3.  1,450 ft, 1,483 ft, 1,670 ft, 1,776 ft; One World Trade Center

4.  750; 5,007; 5,070; 7,505; 7,550

5.  640,020; 426,000; 406,200; 46,600

6.  Nevada, Arizona, Montana, California, Texas, Alaska