

6th Grade Unit 1: Lesson 1-1

Check Your Understanding (p. 5):

11. (a) $0.7 > 0.652$; 0.7
(b) $31 < 31.59$; 31.59
(c) $6.700 < 6.8$; 6.8
(d) $377.151 > 377.1509$; 377.151
12. (a) 34, 34.8, 37.5, 76, 85.2
(b) 0.23, 0.231, 2.31, 3.21, 23.1
(c) 5.7, 5.7001, 5.701, 5.71, 5.78
13. Answers may vary. Sample answer: Start at the place farthest to the left and compare the digits. If they are the same, move right to the next place. Continue until you reach a place where the digits are different. The number whose digit is greater is the greater number.

Lesson 1-1 Practice (p. 5):

14. 3.8095, 3.839, 3.850, 3.855, 4.08; City Hall and Fire Station
15. \$3.95, \$3.96, \$3.97, \$3.98, \$3.99
16. Closer to 36.9; Answers may vary. Sample answer: Write 36.9 as 36.900000 and 37 as 37.000000 and then compare.

Activity 1 Practice Lesson 1-1(p. 23):

1. Rock B, Rock A, Rock C, Rock D
2. D
3. Chimborazo, El Condor, Solo, Palermo, Solimana
4. 10.64; Answers may vary. Sample answer: Compare the digits in the numbers left to right. Both have 1 in the tens place, 0 in the ones place and 6 in the tenths place. The first place where they differ is in the hundredths place: 10.6395 has a 3 and 10.64 has a 4. Since $4 > 3$, so $10.64 > 10.6395$.
5. R, T, K, H