Lesson 1.2 Activity: Multiplicative Comparison Scavenger Hunt

1. Answers will vary, but could include the following: a. Individual student desk (approximately 26 in. long); b. Classroom door (standard); c. Individual student desk (approximately 26 in. long); d. Floor tile (approximately 12 in.)
2. Answers will vary, but students should demonstrate correct use of tape diagrams.
3. Answers will vary, but students should demonstrate correct use of tape diagrams.

Extend Your Thinking

1. Answers will vary.
2. Height: A sheet of paper is about four times taller than a crayon box. Length: A sheet of paper is about four times longer than a crayon box. This is when the length of the paper is 8.5 inches and the height is 11 inches, and the length of the box of crayons is 2 inches and the height is about 4 inches.

Lesson 1.2 Practice: Multiplicative Comparison Is for the Dogs

1. Answers may vary in sentence structure, but should refer to the main ideas listed in the following example answers: A Cane Corso Mastiff is three times as tall as a Brussels Griffon, which is 7 inches tall. How tall is a Cane Corso Mastiff? A Basenji is four times as tall as a Chihuahua, which is 6 inches tall. How tall is a Basenji? A Dachshund is 5 inches tall. An Afghan Hound is five times as tall as a Dachshund. How tall is an Afghan Hound? A Yorkie is 8 inches tall. A Rhodesian Ridgeback is three times as tall as a Yorkie. How tall is a Rhodesian Ridgeback?
2. Answers will vary, but students should demonstrate correct use of tape diagrams.
3. Answers will vary, but students should demonstrate correct use of tape diagrams.
4. 5 times more dogs
5. Additive comparison is seen in the second round when comparing the 5 and 8 dogs, and multiplicative comparison is seen between the first and second round when comparing these amounts of dogs.

Extend Your Thinking

1. Answers will vary.

Lesson 1.2: Common Core Assessment Practice

1. c
2. d
3. d
4. f = fun house wait time; r = roller coaster wait time; $r = 96$; $f \times 8 = r$; $f \times 8 = 96$; $f = 12$ minutes
5. b = bookshelf; h = height of the table; $b = 60$ inches; $b = 4 \times h$, $60 = 4 \times h$