### Lesson 4 Practice Problems

1. Evaluate .
2. Select **all** expressions that are equal to .
   1. 96
   2. 512
3. Write the expression using radicals.
4. An arithmetic sequence starts 4, 13, . . . . Explain how you would calculate the value of the 5,000th term.

* (From Unit 1, Lesson 8.)

1. Select **all** items equivalent to .
   1. the area of a square with side length 24 units
   2. the side length of a square with area 24 square units
   3. the positive number , where
   4. the positive number , where
   5. the edge length of a cube with volume 24 cubic units
   6. the volume of a cube with edge length 24 units

* (From Unit 3, Lesson 2.)

1. Which expression is equivalent to ?
   1. 11.5

* (From Unit 3, Lesson 3.)



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