Thick as a Brick

Hank is building a brick patio and a brick walkway. For each section of his patio, Hank will need 147 bricks.

Use the information to answer the questions.

1. A single brick weighs about 5 pounds. Multiply to find the weight of the bricks that Hank will need for one section of his patio.

2. Hank’s patio will have 6 sections in it. How many bricks will he need for the whole patio?

3. For each section of Hank’s walkway, he will need 98 bricks. How many bricks will he need for a walkway with 8 sections?

4. Hank needs a total of 1,666 bricks for his patio and walkway. One truckload has 215 bricks in it. Hank ordered 8 truckloads of bricks. How many bricks did he order?

5. Will he have enough bricks? Should Hank order one more or one less truckload of bricks? Explain.

Show Your Work
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Hank is building a brick patio and a brick walkway. For each section of his patio, Hank will need 147 bricks.

Use the information to answer the questions.

1. A single brick weighs about 5 pounds. Multiply to find the weight of the bricks that Hank will need for one section of his patio.

   Show Your Work

   735 pounds

2. Hank’s patio will have 6 sections in it. How many bricks will he need for the whole patio?

   882 bricks

3. For each section of Hank’s walkway, he will need 98 bricks. How many bricks will he need for a walkway with 8 sections?

   784 bricks

4. Hank needs a total of 1,666 bricks for his patio and walkway. One truckload has 215 bricks in it. Hank ordered 8 truckloads of bricks. How many bricks did he order?

   1,720 bricks

5. Will he have enough bricks? Should Hank order one more or one less truckload of bricks? Explain.

   Possible answer: Yes; No, 7 truckloads of bricks would not be enough.