1. Sandra wants to resize a photo that is 3 inches tall and 5 inches wide to put in a newsletter. If the height of the photo cannot exceed 1¼ inches in the newsletter, what will the width of the resized photo be? Round to the nearest 1/100 of an inch, if necessary.

2. Marco obtained quotes for some electrical work from two contractors, and the ratio of costs was 5:7. If the higher-priced contractor wanted $192 more for a certain job, how much did the less expensive contractor charge for the same job?