

- 8) You're throwing a pizza party for 15 people. Each person will eat 4 slices. You call up the pizza place and find that each pizza will be cut into 12 slices, and each pizza will cost you \$14.78. How much is the pizza going to cost you? You only have \$70. Will you have enough money? (Answer: 73.90, no)
- **9)** The bedroom of a house is 1,200 cubic meters. We know that there are 3.4 x 10<sup>9</sup> particles of dust per cubic meter. How many particles of dust are present in the bedroom of our house? Eww!
- 10) Find out the weight of 6 billion (6,000,000,000) dust particles in pounds, if one dust particle has a mass of  $7.53 \times 10^{-10}$  g.



## Complete the rest of the problems on the binder paper of your notebook.

- 7) Convert 5.93 yards into mm (Answer: 5422.4)
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