

# Don't Bug Me!

It's time to dig! The bugs need to build a new nest. Before they get started, they need to figure out how much work is going to be needed. Bugs, like people, are not fans of doing complex math problems. Let's help them out by using rounding to simplify things.

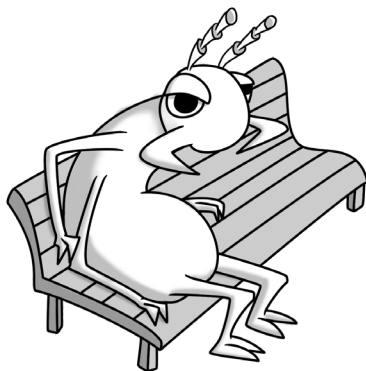


There are 247,365 bugs in the colony. Let's round this to the nearest ten-thousands.

The bugs are planning on digging out an area that is 180,329,085 cubic mm. Let's round that to the nearest ten-millions place.

Using our rounded numbers, how much space is each bug going to get in their new home?

This looks like it might be a lot of work. The bugs figure that the amount of dirt that needs to be moved will weigh 239,837 grams. Let's round this to the nearest thousands place.



The bugs are freaking out! No way do they want to lug that much dirt around. Let's convert it to kilograms so that it doesn't look so scary. Hint: one kilogram = 1000 grams.

The bugs decide to get some kids to do their dirty work. The kids want \$257 to move the dirt. The bugs want to round the amount to the nearest tens place. The kids decide to accept this rate. Do you think that was a good idea for the kids? Why?

If there are 4 kids, how much money will each of the kids make from this job?