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# Measuring the Marigolds

*Two and two are four,  
Four and four are eight...*

*Inchworm, Inchworm, measuring the marigolds,  
You and your arithmetic  
Will probably go far.*

*Inchworm, Inchworm, measuring the marigolds,  
Seems to me you'd stop and see  
How beautiful they are.*

Here's an inchworm you can use for measuring:



1. Ms. Muffet has planted a lovely garden of marigolds. Here is a picture of one of her flowers.

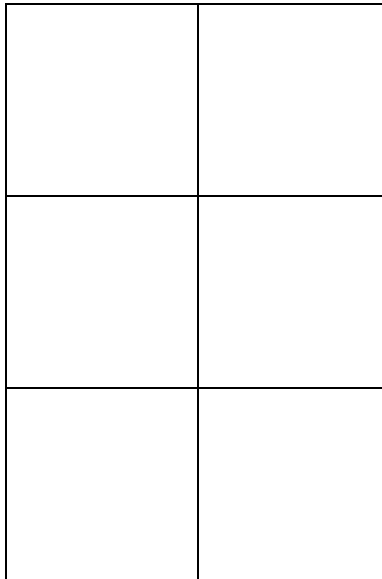
About how many inchworms tall is this marigold?



2. Jack the Giant has also planted marigolds, which are **twice** as tall as Ms. Muffet's.

About how many inchworms tall are his marigolds?

3. Here is a picture of Ms. Muffet's garden, as seen by a dragonfly. Because the inchworms in her garden are so fat, each square of her garden can hold just four inchworms.



- a. How many inchworms would it take to cover the whole garden?
- b. How many inchworms would it take to make a border all around this garden?