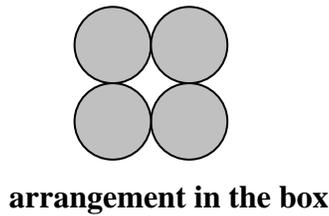
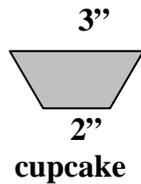


**CUPCAKE CLUTTER**

“Clean your room today!” Eva’s mother yelled up the stairs. “And I want all those cupcakes picked up and put in boxes!” She was, of course, referring to Eva’s collection of 420 cupcakes. Why couldn’t her daughter collect stamps or stickers like other kids? Eva was about to holler an objection to her mom’s request down the stairs, but as she climbed out of bed and put her feet into her slippers, she felt cool cupcake frosting ooze between her toes. Now how did that get in there? she wondered. Perhaps putting away the cupcakes wasn’t such a bad idea after all. In the basement, Eva was able to find some empty boxes that measured 18” by 31”. The cupcake dimensions are shown below. How many boxes would it take for Eva to put away all her cupcakes?



Is there a way for Eva to use fewer boxes? Explain.

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