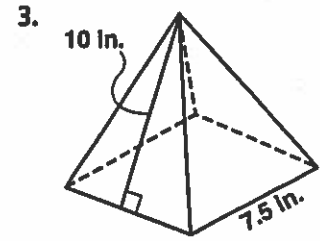
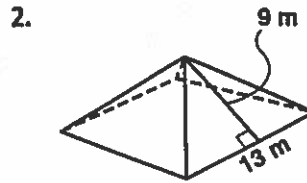
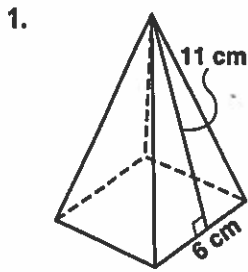


# Practice 8-5

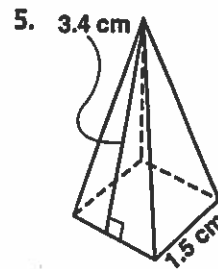
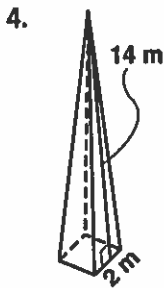
## Surface Areas of Pyramids and Cones

Use a net to find the surface area of each square pyramid to the nearest square unit.



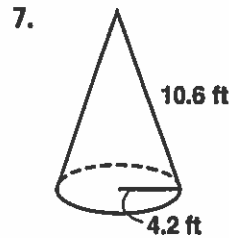
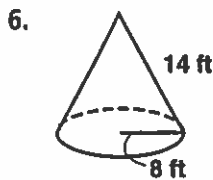
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Find the lateral area of each pyramid to the nearest whole square unit.



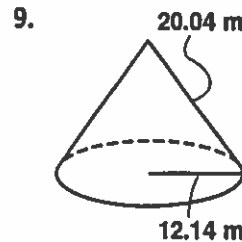
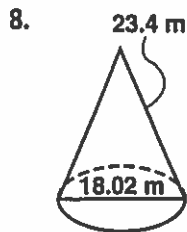
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Find the surface area of each cone to the nearest square unit.



\_\_\_\_\_

Find the lateral area of each cone to the nearest square unit.



\_\_\_\_\_

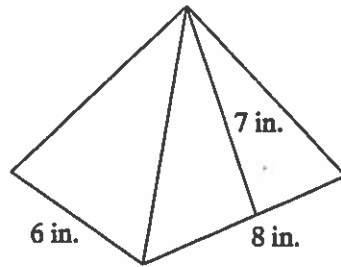
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# Puzzle 8-5

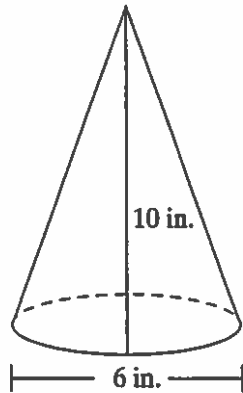
## Surface Areas of Pyramids and Cones

It is Muriel's birthday, and Kevin and Alice have bought her presents. They need to wrap the presents for the party tomorrow. They each have three rectangular pieces of wrapping paper and need to select paper that will cover the entire gift they are giving. Which wrapping paper should each person select? Use surface area to help you decide.



**Kevin's Gift**

Kevin's choices for wrapping paper	Dimensions of wrapping paper
balloons	20 in. × 7 in.
plaid	19 in. × 8 in.
party hats	18 in. × 8 in.



**Alice's Gift**

Alice's choices for wrapping paper	Dimensions of wrapping paper
smiley faces	16 in. × 7 in.
birthday cakes	15 in. × 8 in.
pink polka-dots	14 in. × 9 in.

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