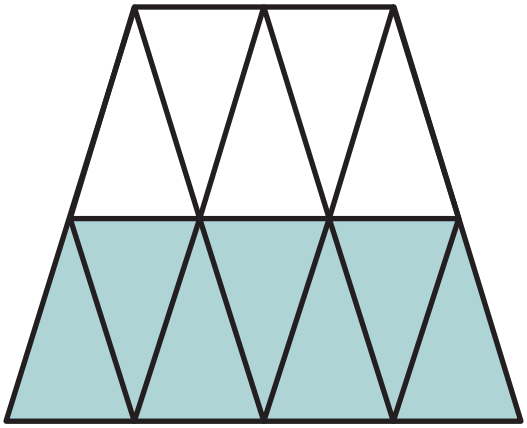
A **Area:** Parts of a Whole in Shapes, Again!

Name_____ Date_____

Answer the questions that follow each image.



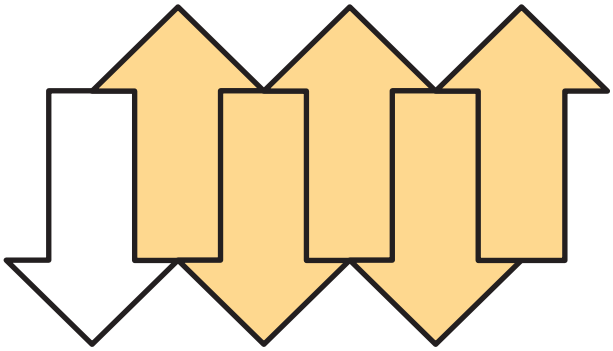
1.

a) What fraction of the total area is shaded?_____

b) What fraction of the total area is not shaded?_____

c) What is the TOTAL area of this shape (shaded + unshaded), written as a fraction?

_____



2.

a) What fraction of the total area is shaded?_____

b) What fraction of the total area is not shaded?_____

c) What is the TOTAL area of this shape (shaded + unshaded), written as a fraction?

_____

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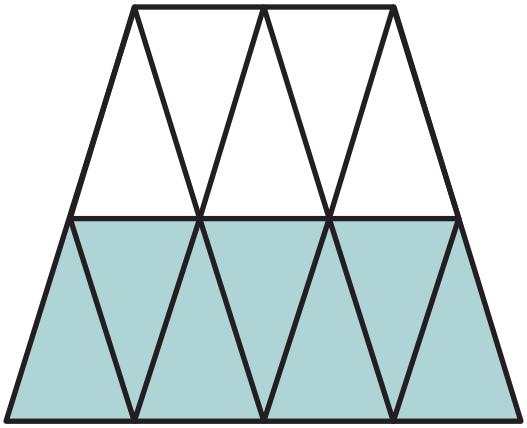
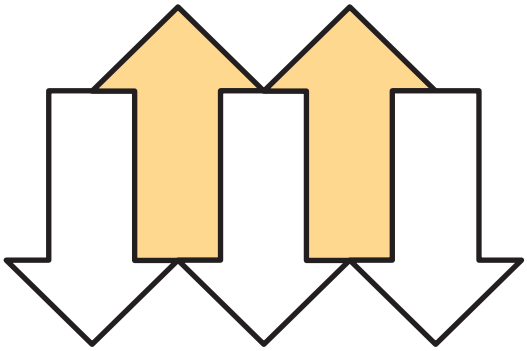


3.

a) If you unshaded two of the shaded parts of this shape, what fraction of the total area would be shaded?_____

b) Describe how the shaded and unshaded areas would change if only 1/6 were unshaded. _____



4.

a) If you unshaded two of the shaded parts of this shape, what fraction of the total area would be shaded?_____

b) Describe how the shaded and unshaded areas would change if only 1/5 were unshaded. _____