A Area: Parts of a Whole in Shapes

Name_____ Date_____

Answer the questions that follow each image.

Answers

1.

a) What fraction of the total area is shaded? **3/4**

b) What fraction of the total area is not shaded? **1/4**

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

4/4

2.

a) What fraction of the total area is shaded? **6/8**

b) What fraction of the total area is not shaded? **2/8**

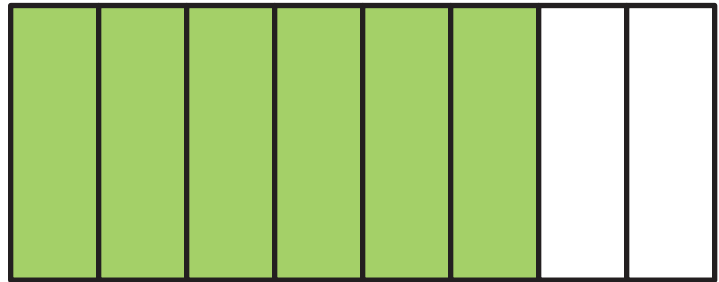c) What is the TOTAL area of this shape (shaded + unshaded), written as a fraction?
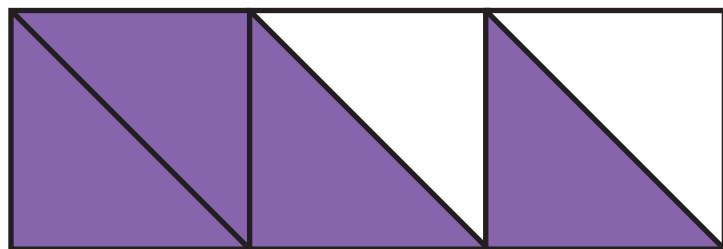
8/8

Name_____ Date_____

Answer the questions that follow each image.

3.

a) If you unshaded two of the shaded parts of this shape, what fraction of the total area would be shaded?_____**4/8**_____

b) Describe how the shaded and unshaded areas would change if only 5 rectangles were unshaded. **ANSWERS WILL VARY- but an answer should should include something about 6/8 being equivalent to 3/8.**

4.

a) If you unshaded two of the shaded parts of this shape, what fraction of the total area would be shaded?_____**2/6**_____

b) Describe how the shaded and unshaded areas would change if only 3 triangles were unshaded. **ANSWERS WILL VARY- but should include or mention 3/6 would be shaded AND unshaded.**