Directions

• Read all the directions for each question carefully and think about the answer.

• This Assesslet contains five items. Questions 1 and 2 are selected-response items where you choose the one BEST answer. Answer each question by filling in the circle on your answer document.

• Questions 3 and 4 are constructed-response items. Use the scratch paper provided to plan your response. Write your answer(s) on the lines provided on your answer document.

• Question 5 is an extended-response item. Use the scratch paper provided to plan your response. Write your answer(s) on the lines provided on your answer document.

• Be sure to write your answers in the spaces provided on the answer document.
Item 1

Which shape is a _______ with $\frac{1}{2}$ shaded?

A

![Image A]

B

![Image B]

C

![Image C]

D

![Image D]
Item 2

Which of the shapes below is both a quadrilateral and a rhombus?
Item 3

Part A
Copy this shape on your answer document. Divide this shape into 3 equal parts.
Label each part as a fraction.

Part B
Copy this shape on your answer document. Divide this shape into 4 equal parts.
Label each part as a fraction.

Part C
Copy this shape on your answer document. Divide this shape into 2 equal parts.
Label each part as a fraction.
Item 4

Draw and identify a quadrilateral that does NOT have any right angles on your answer document.
Item 5

Sasha has a piece of fabric that is 12 inches wide and 20 inches long. She would like to cut it into equal pieces to make four scarves.

Part A
On your answer document, draw lines to show where Sasha cuts the fabric to make four equal scarves.

Part B
On your answer document, show a different way Sasha can cut the fabric to make four equal scarves.

Part C
Are the scarves larger in either part A or part B? Explain why or why not. Write your answer on your answer document.

Part D
Sasha has another idea about how to make the scarves. Sasha cuts the piece of fabric in half and then cuts each half at an angle.

Will the new scarves be quadrilaterals? Explain why or why not. Write your answer on your answer document.