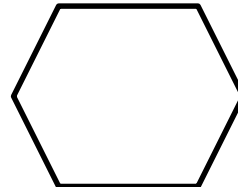Directions: Solve each problem.

In what way(s) can this shape be classified?

a) Polygon
b) Rectangle
c) Square
d) Rhombus
e) Quadrilateral

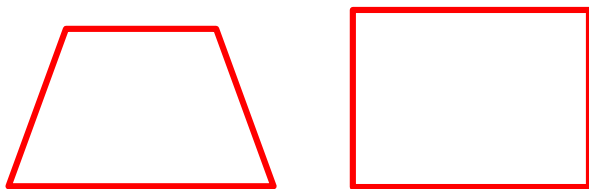*(a, b, and e circled)*

In what way(s) can this shape be classified?

a) Polygon
b) Quadrilateral
c) Square
d) Hexagon
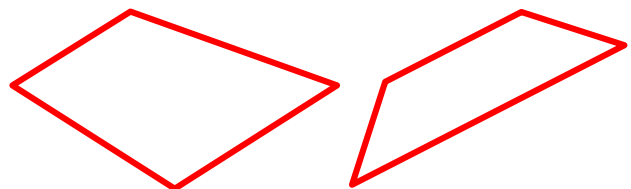e) Pentagon

(a and d circled)

Draw 2 different quadrilaterals.
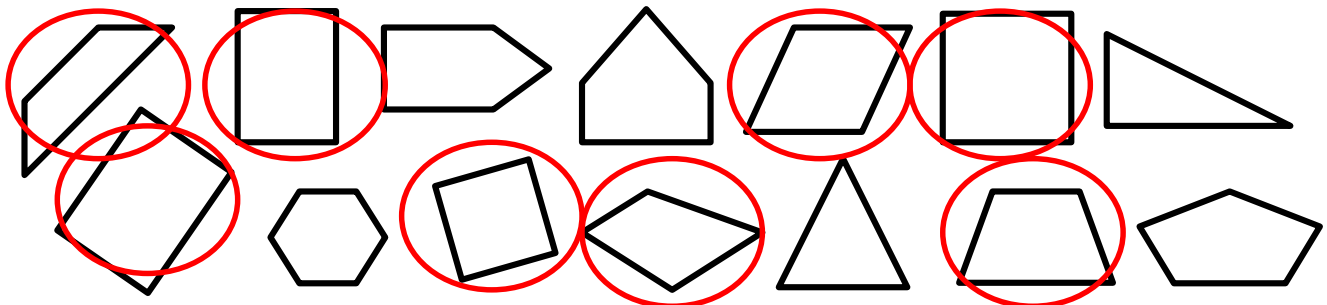
Answers will vary.

Draw 2 different quadrilaterals that cannot be classified as a rhombus, rectangle, or square.
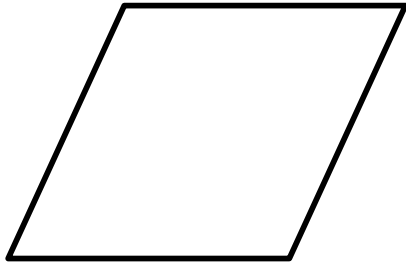
Answers will vary.
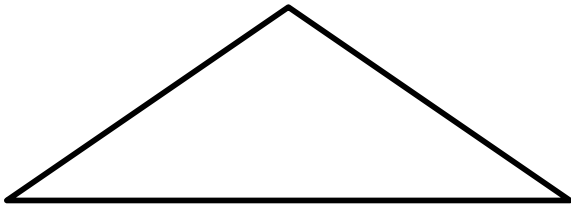
Circle all the quadrilaterals.

Quadrilaterals & Other Polygons
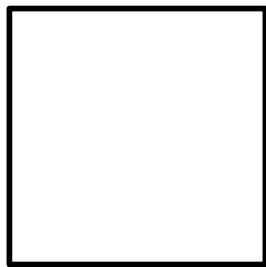
1. In what way(s) can this shape be classified?

a) Polygon *(circled)*
b) Rectangle
c) Square
d) Rhombus *(circled)*
e) Quadrilateral *(circled)*

2. In what way(s) can this shape be classified?

a) Polygon *(circled)*
b) Quadrilateral
c) Square
d) Triangle *(circled)*
e) Pentagon

3. In what way(s) can this shape be classified?

a) Polygon *(circled)*
b) Rectangle *(circled)*
c) Square *(circled)*
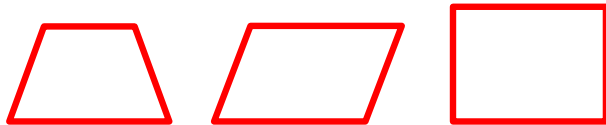d) Hexagon
e) Quadrilateral *(circled)*

4. Circle all the quadrilaterals.

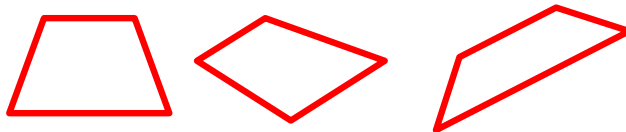# Quadrilaterals & Other Polygons

1. **Draw three different quadrilaterals.**

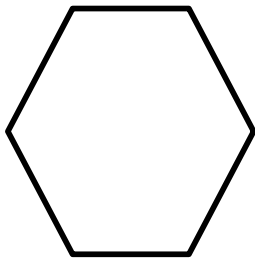   Answers will vary.

2. **Draw 3 different quadrilaterals that cannot be classified as a rhombus, rectangle, or square.**
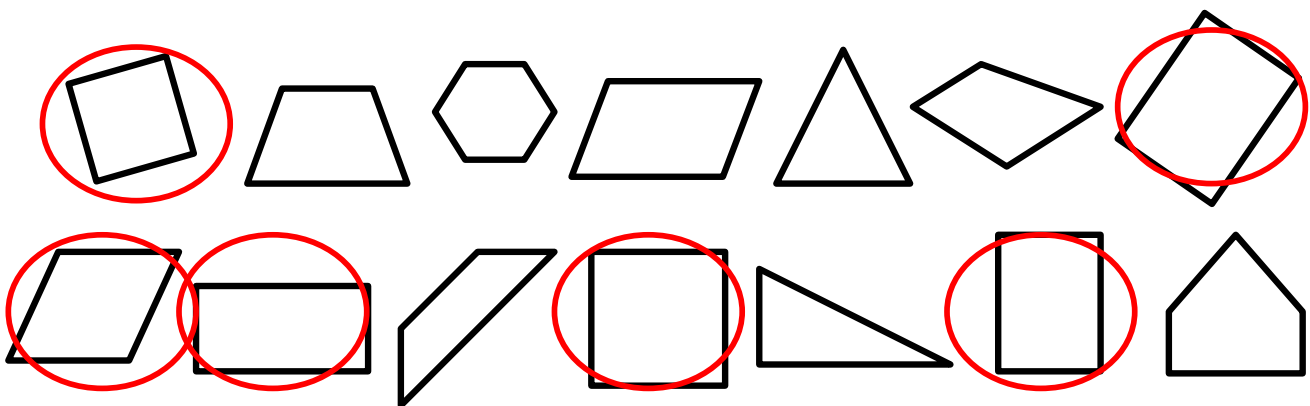
   Answers will vary.

3. **Explain why the shape below is not a quadrilateral.**
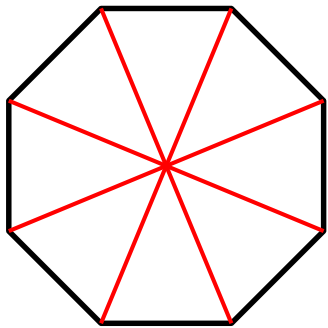
   Answers will vary. Quadrilaterals have 4 sides, and this hexagon has 6 sides.

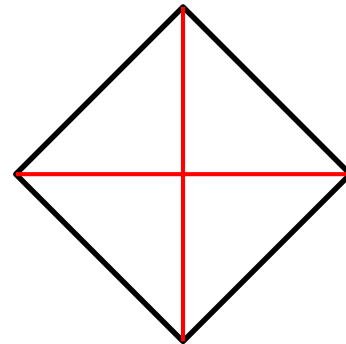4. **Circle all the rectangles, rhombuses, and squares.**
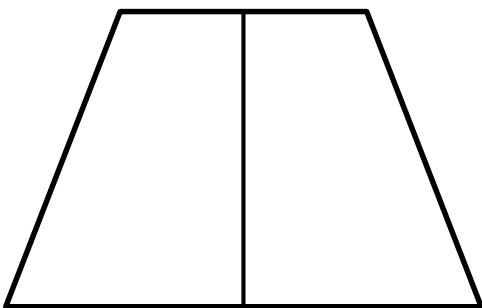
Directions: Solve each problem.

Partition the shape into 8 equal parts and label each part as a fraction of the whole.
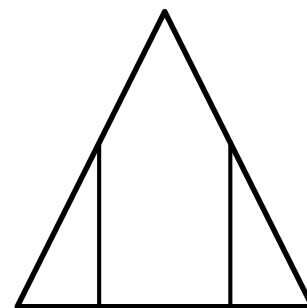
Partition the shape into 4 equal parts and label each part as a fraction of the whole.
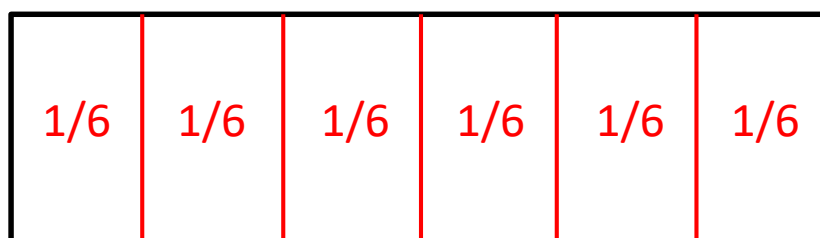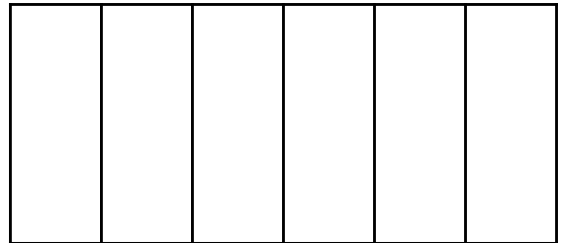
Is this shape partitioned into equal areas? _____**Yes**_____

Is this shape partitioned into equal areas? _____**No**_____

Partition the shape into 6 equal parts and label each part as a fraction of the whole.

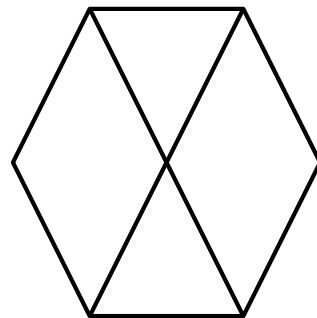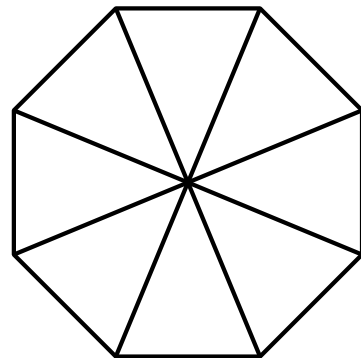| 1/6 | 1/6 | 1/6 | 1/6 | 1/6 | 1/6 |

Partition Shapes

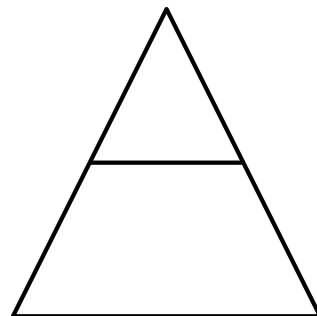1. Is this shape partitioned into equal areas? ___Yes___

2. Is this shape partitioned into equal areas? ___No___

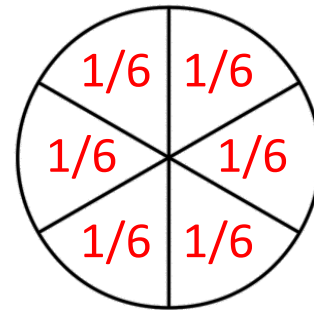3. Is this shape partitioned into equal areas? ___Yes___

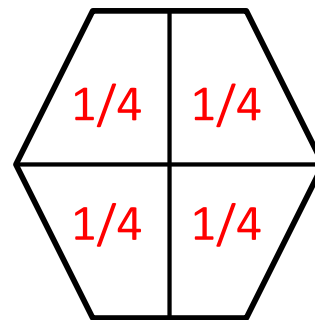4. Is this shape partitioned into equal areas? ___No___

Partition Shapes

1. **Partition the shape into 6 equal parts and label each part as a fraction of the whole.**

2. **Partition the shape into 4 equal parts and label each part as a fraction of the whole.**

3. **Partition the shape into 8 equal parts and label each part as a fraction of the whole.**

4. **Partition the shape into 2 equal parts and label each part as a fraction of the whole.**