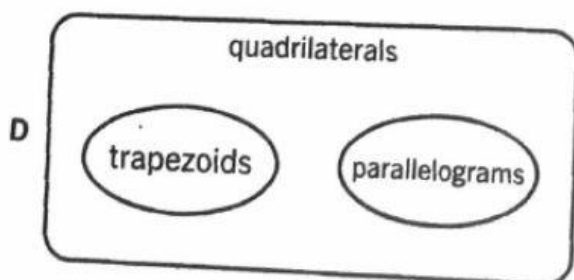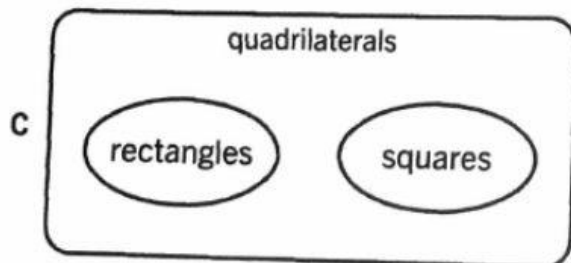1 Which Venn diagram does NOT accurately show relationships among quadrilaterals?

A

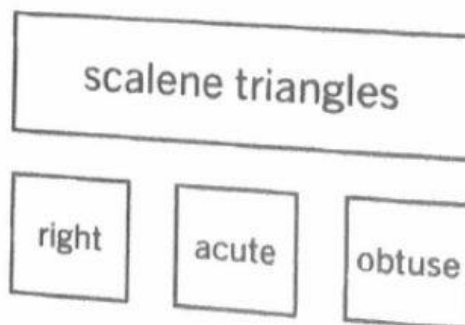quadrilaterals
rhombuses
squares

B

quadrilaterals
rectangles   rhombuses

C

quadrilaterals
rectangles   squares

D

quadrilaterals
trapezoids   parallelograms

2 Ruth creates a table to classify shapes based on their angles.

Exactly 1 Right Angle	Exactly 1 Obtuse Angle	All Acute Angles
1	3	5
2	4	6

Which shapes appear to be classified correctly?

F Shapes 1 and 6 only

G Shapes 5 and 6 only

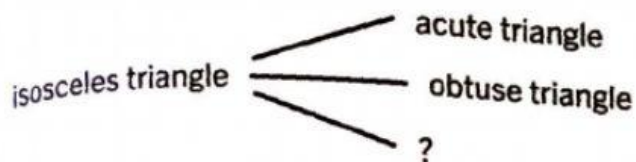H Shapes 1, 2, 4, and 6 only

J Shapes 2, 3, 5, and 6 only

3 Andy begins a diagram to show types of scalene triangles.

scalene triangles

right   acute   obtuse

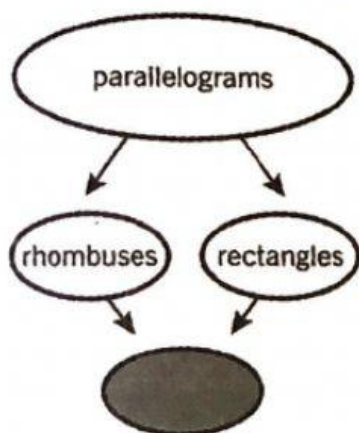Which types of triangles should Andy connect with *scalene triangles*?

A Right and obtuse only

B Right and acute only

C Acute and obtuse only

D Right, acute, and obtuse

LIVEWORKSHEETS

1 Heather builds a diagram to show relationships among triangles. Here is a section of her diagram.

acute triangle

isosceles triangle

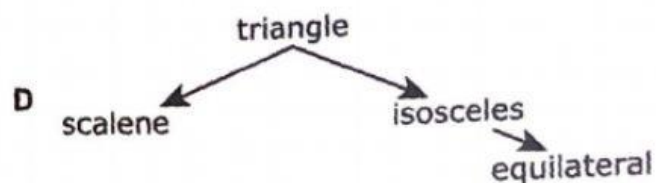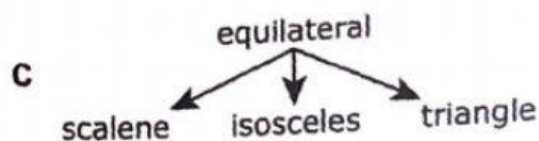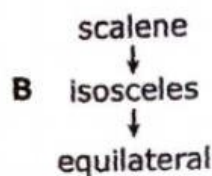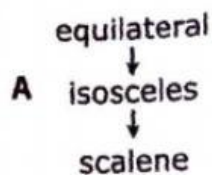obtuse triangle

?

Which is the missing term in Heather's diagram?

A Regular triangle

B Right triangle

C Isosceles triangle

D Equilateral triangle

2 The graphic organizer shows relationships among groups of special parallelograms.

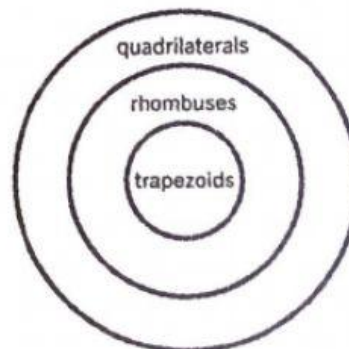parallelograms

rhombuses   rectangles

Which term belongs in the shaded oval?

F Squares

G Trapezoids

H Rectangular prisms

J Quadrilaterals

3 Brett creates 4 diagrams to show the relationships among triangles. Which diagram best organizes triangles by their properties?

A
equilateral
↓
isosceles
↓
scalene

B
scalene
↓
isosceles
↓
equilateral

C
equilateral
scalene   isosceles   triangle

D
triangle
scalene   isosceles
equilateral

4 What is the error in this diagram?

quadrilaterals
rhombuses
trapezoids

F Trapezoids are not quadrilaterals.

G Rhombuses are not quadrilaterals.

H Trapezoids are not rhombuses.

J All rhombuses are rectangles.