COMPARISON TABLE

② OVERALL CONCEPT

triangles

① CONCEPT

isosceles

① CONCEPT

scalene

③ CHARACTERISTICS

2 sides that have equal lengths
right, acute, obtuse

③ CHARACTERISTICS

0 sides have equal length
right, acute, obtuse

⑨ EXTENSIONS

Isosceles
a. right
b. acute
c. obtuse

Scalene
a. right
b. acute
c. obtuse

④ LIKE CHARACTERISTICS

right, acute, obtuse

⑤ LIKE CATEGORIES

Type of triangle by angle

⑥ UNLIKE CHARACTERISTICS

the lengths of the sides of the triangles are different
· isosceles = 2 sides same scalene = ∅ sides same

⑦ UNLIKE CATEGORIES

~~Length of~~ # of sides with equal length

⑧ SUMMARY

Isosceles and scalene are types of triangles whose angle types can be right, acute, or obtuse. They are unlike in the number of sides of equal length that each has. (Isosceles has 2 sides of equal length and scalene has 0 sides of equal length).

Step 1: Communicate targeted concepts | Step 2: Obtain Overall Concept | Step 3: Make lists of known characteristics | Step 4: Pin down Like Characteristics | Step 5: Assemble Like Categories | Step 6: Record Unlike Characteristics | Step 7: Identify Unlike Categories | Step 8: Nail down a summary | Step 9: Go beyond the basics

COMPARISON TABLE

② OVERALL CONCEPT
Triangles

① CONCEPT
isosceles ~~triangle~~

① CONCEPT
Scalene ~~triangles~~

③ CHARACTERISTICS
2 sides that have equal lengths
right obtuse
acute

③ CHARACTERISTICS
0 sides have equal length
right, acute, obtuse

⑨ EXTENSIONS
Isosceles
a. right
b. acute
c. obtuse

Scalene
a. right
b. acute
c. obtuse

④ LIKE CHARACTERISTICS
right acute
obtuse

⑤ LIKE CATEGORIES
type of ~~triangle~~ by angles

⑥ UNLIKE CHARACTERISTICS
The lengths of the sides of the triangles are different
isosceles = 2 sides same or = scalene = 0 sides same or =

⑦ UNLIKE CATEGORIES
~~length of~~ sides
# of sides with equal length

⑧ SUMMARY
Isosceles and scalene ~~are~~ are 2 types of triangles that ~~can~~ whose angle types can be right, acute or obtuse. They are unlike in the # of sides of = length that each has (Isosceles has 2 sides of equal length. Scalene has 0 sides of = length.

Step 1: Communicate targeted concepts | Step 2: Obtain Overall Concept | Step 3: Make lists of known characteristics | Step 4: Pin down Like Characteristics | Step 5: Assemble Like Categories | Step 6: Record Unlike Characteristics | Step 7: Identify Unlike Categories | Step 8: Nail down a summary | Step 9: Go beyond the basics

COMPARISON TABLE

② OVERALL CONCEPT

TRIANGLES

① CONCEPT

ISOSCELES

① CONCEPT

SCALENE

③ CHARACTERISTICS

- 2 SIDES THAT HAVE EQUAL LENGTHS
- RIGHT TRIANGLE - ACUTE TRIANGE, OR OBTUSE TRIANGLE

③ CHARACTERISTICS

- ZERO SIDES HAVE EQUAL LENGTH
- RIGHT - ACUTE - OR OBTUSE ANGLES

⑨ EXTENSIONS

ISOSCELES
A. RIGHT
B. ACUTE
C. OBTUSE

SCALENE
A. RIGHT
B. ACUTE
C. OBTUSE

④ LIKE CHARACTERISTICS

- RIGHT - ACUTE - OR OBTUSE

⑤ LIKE CATEGORIES

TYPE OF TRIANGLE BY
- ANGLES

⑥ UNLIKE CHARACTERISTICS

- THE LENGTHS OF THE SIDES OF THE TRIANGLES ARE DIFFERENT
  - ISOSCELES = 2 SIDES SAME OR EQUAL
  - SCALENE = Ø SIDES SAME OR EQUAL

⑦ UNLIKE CATEGORIES

- ~~LENGTH OF~~ SIDES
  # OF SIDES OF EQUAL LENGTH

⑧ SUMMARY

ISOSCELES & SCALENE ARE TWO TYPES OF TRIANGLES WHOSE ANGLE TYPES CAN BE RIGHT, ACUTE OR OBTUSE. THEY ARE UNLIKE IN THE NUMBER OF SIDES OF EQUAL LENGTH THAT EACH HAS (ISOSCELES HAS 2 SIDES OF EQUAL LENGTH & SCALENE HAS Ø SIDES OF EQUAL LENGTH).

Step 1: Communicate targeted concepts | Step 2: Obtain Overall Concept | Step 3: Make lists of known characteristics | Step 4: Pin down Like Characteristics | Step 5: Assemble Like Categories | Step 6: Record Unlike Characteristics | Step 7: Identify Unlike Categories | Step 8: Nail down a summary | Step 9: Go beyond the basics

COMPARISON TABLE

② OVERALL CONCEPT

TRIANGLES

① CONCEPT

ISOSCELES

① CONCEPT

SCALENE

③ CHARACTERISTICS

2 sides same length
Can be right tri and Acute
Obtuse

③ CHARACTERISTICS

No sides are of equal length
Can be right, Acute or Obtuse

⑨ EXTENSIONS

Isosceles

A. right
B. Acute
C. Obtuse

Scalene

A. right
b. Acute
C. Obtuse

④ LIKE CHARACTERISTICS

Can be right, Acute or Obtuse

⑤ LIKE CATEGORIES

Type of triangl by Angle

⑥ UNLIKE CHARACTERISTICS

2 sides same length
No side same lengths

⑦ UNLIKE CATEGORIES

~~Length of sides~~
# of sides that are equal

⑧ SUMMARY

Isosceles and Scalene are 2 types of triangles whos angle types can be right, Acute, or Obtuse. They are unlike in the number of sides of equal length that they each have. (Isosceles have 2 sides of equal length and Scalene has 0 sides of equal length)

Step 1: Communicate targeted concepts | Step 2: Obtain Overall Concept | Step 3: Make lists of known characteristics | Step 4: Pin down Like Characteristics | Step 5: Assemble Like Categories | Step 6: Record Unlike Characteristics | Step 7: Identify Unlike Categories | Step 8: Nail down a summary | Step 9: Go beyond the basics