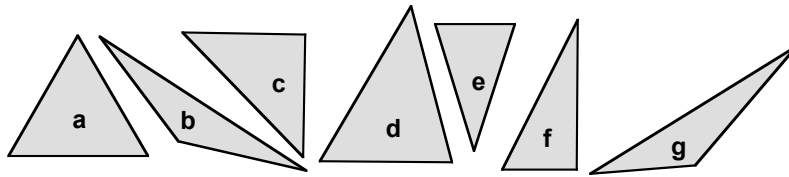


Triangles homework:

1. Recreate the 7-triangles chart we made in class:



Fill in the missing conditions, and show by writing the letter where each triangle goes

|       |           |  |  |
|-------|-----------|--|--|
|       | isosceles |  |  |
| acute |           |  |  |
|       |           |  |  |
|       |           |  |  |

2. a. Draw a Venn diagram showing the relationship between isosceles and equilateral triangles. (draw triangles in all of the regions where triangles exist)

b. How is this relationship different from the one shown in the table in #1?

c. Tell 2 kinds of quadrilaterals that have this same sort of relationship.

3. Draw a Venn diagram showing the relationship between acute and isosceles triangles. (draw triangles in all of the regions where triangles exist)

4. What does it mean about the properties of triangles and quadrilaterals when we say that triangles are more rigid than quadrilaterals?