

Name the parallel lines and the transversal that forms each pair of angles. Then name the angles (classify them).

1. 9 and 11

Transversal is a

$c \parallel d$

alt int

3. 15 and 11

SSE

Transversal is d

$a \parallel b$

5. 6 and 10

$a \parallel b$

SSE

Transversal is c

2. 8 and 13

Transversal is m

$c \parallel d$

alt int

4. 5 and 13

$c \parallel d$

Transversal is m

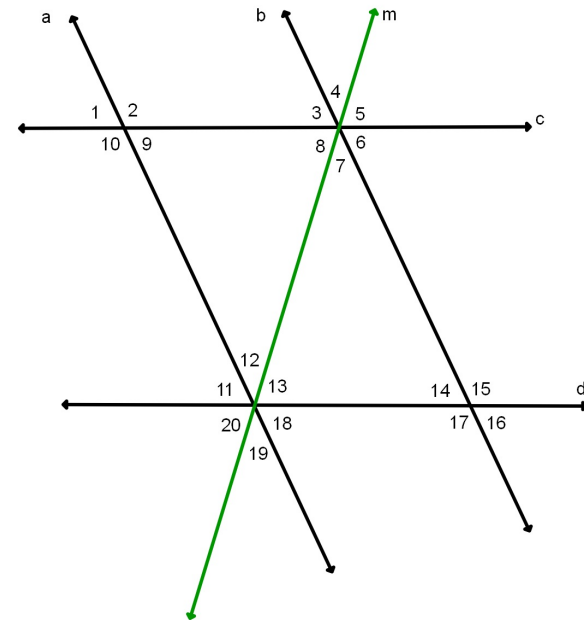
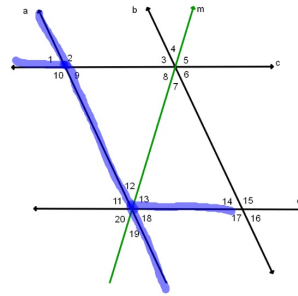
corr \angle s

6. 18 and 1

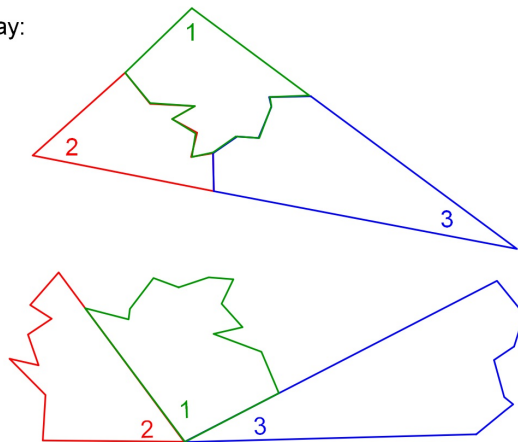
Transversal is a

$c \parallel d$

Alt. Ext.



From Friday:

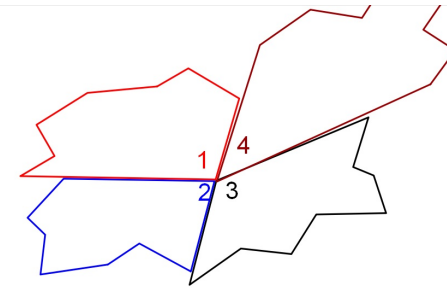
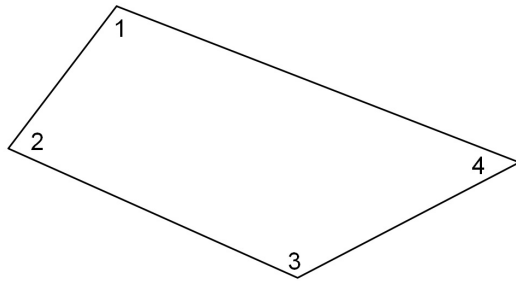


What property of triangles does this demonstrate?

Theorem 3-12: Triangle Sum Theorem

The sum of the measures of the angles of a triangle is 180°

Repeat this exercise beginning with a Quadrilateral.



this shows that the sum of the angles of a Quadrilateral is 360°