Mathematics

Angles Review.
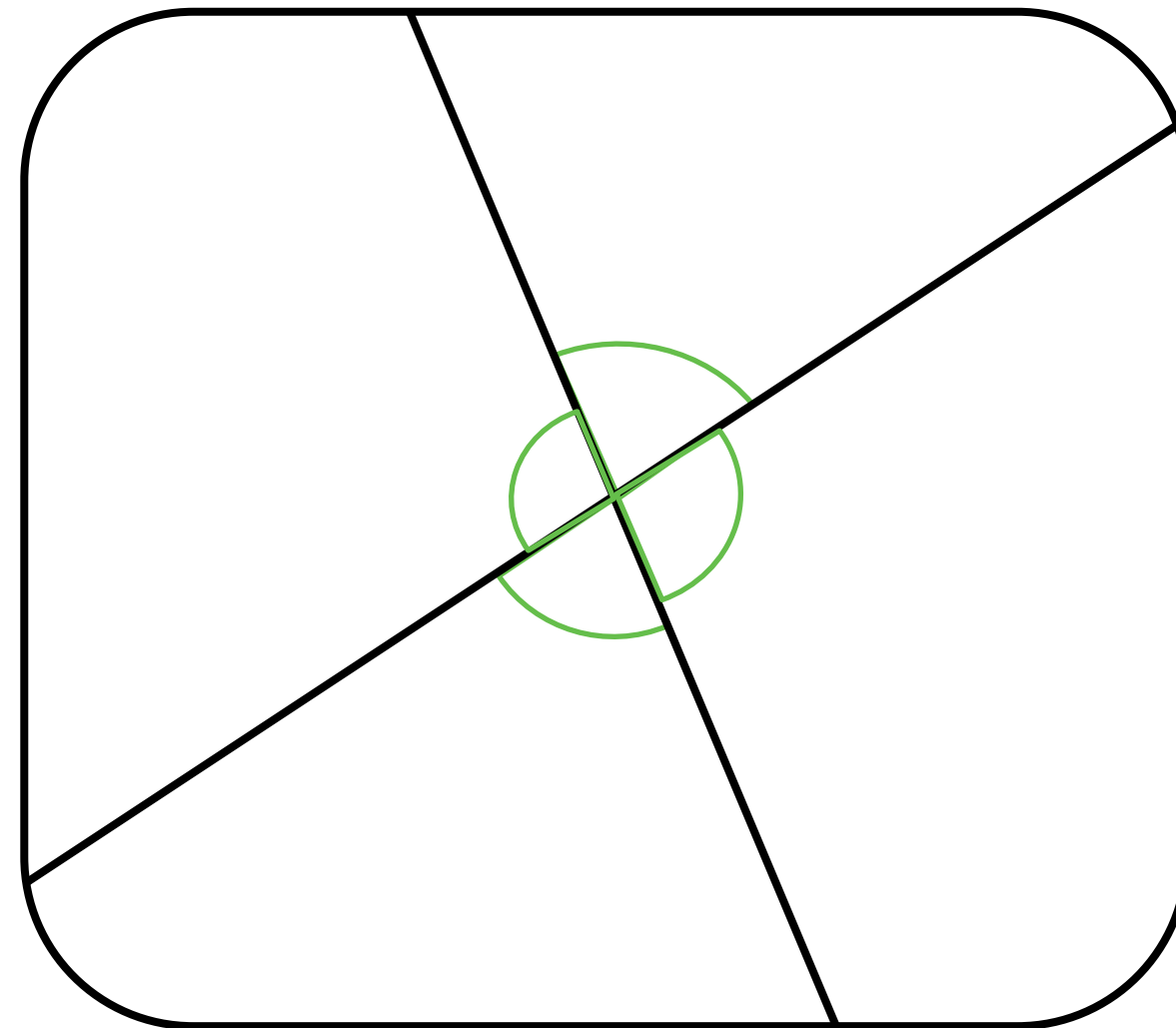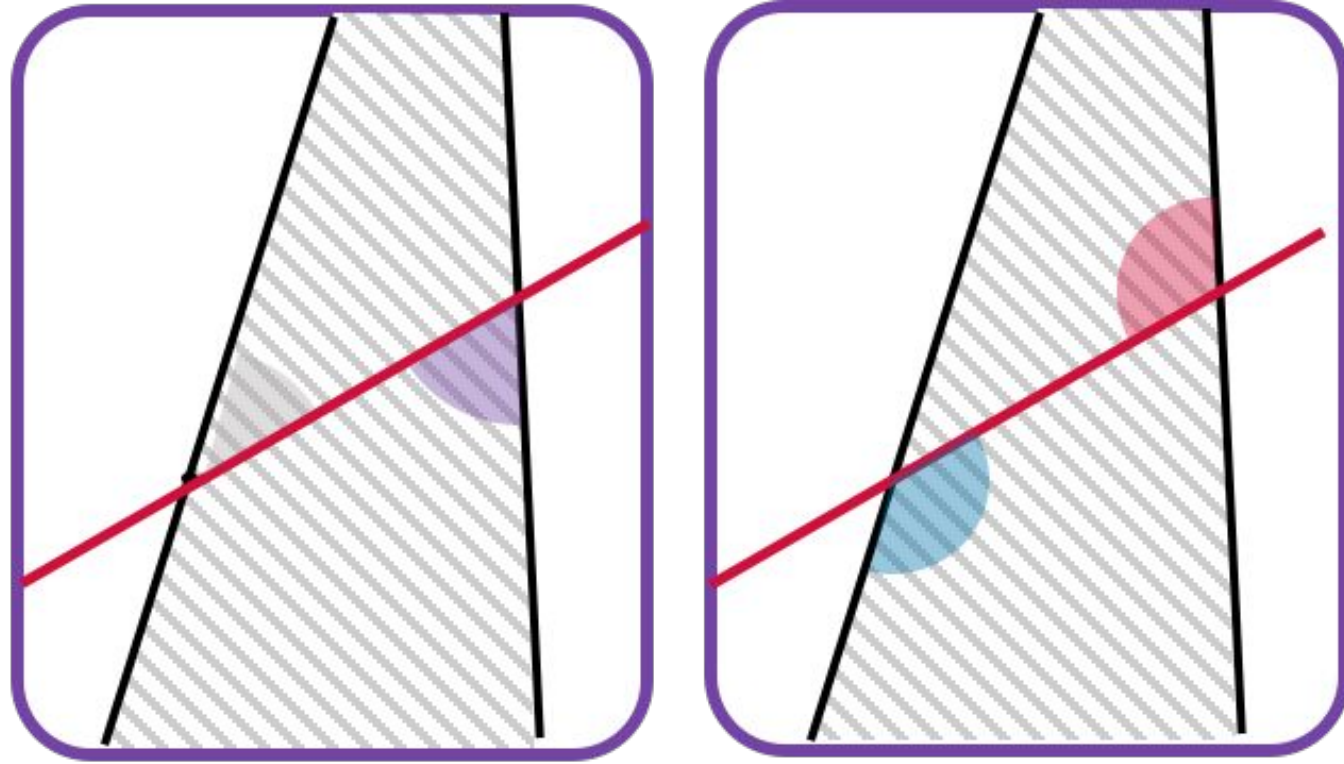# Downloadable Resource – Angles in parallel lines.

Mr. Thomas

Try this

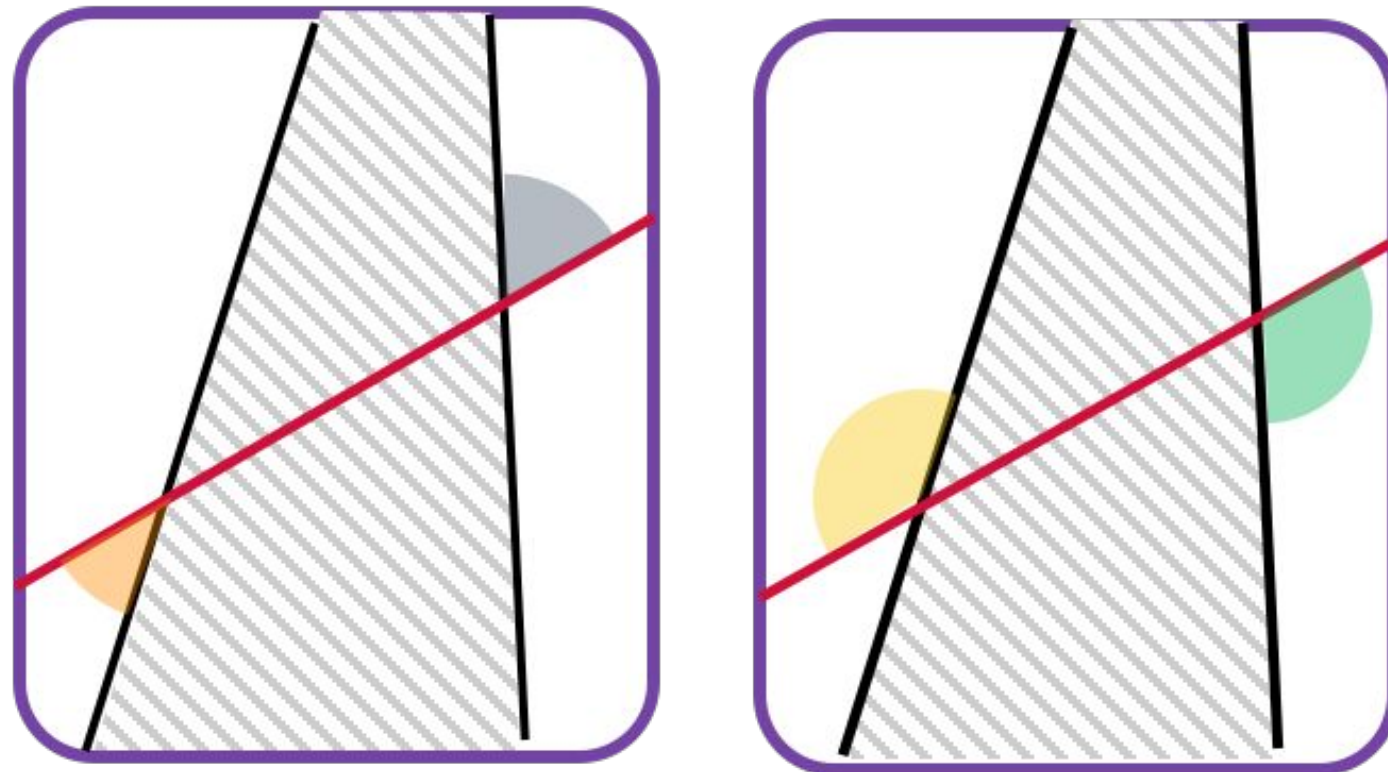What facts can you write down about any **four angles** formed by two straight lines crossing?

The **intersection** here is formed by two straight lines crossing.
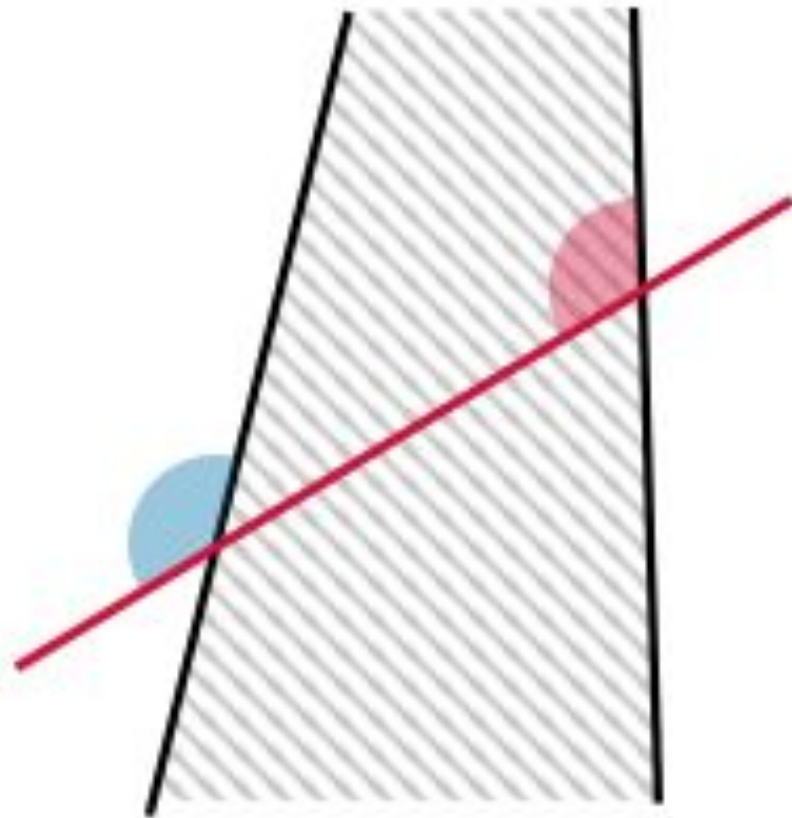
Connect

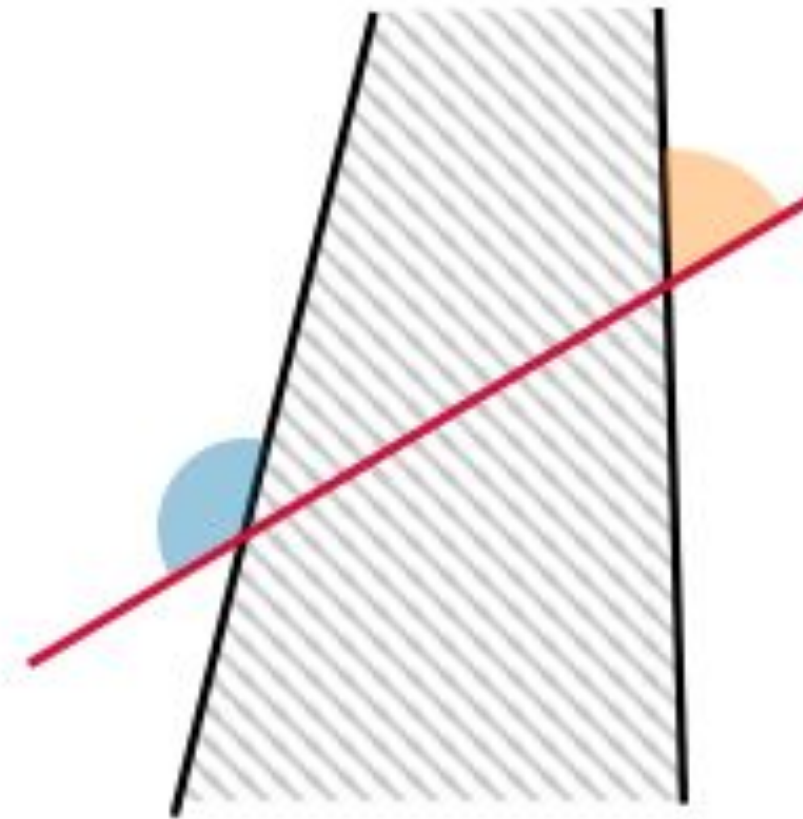Alternate **interior** angles.

Alternate **exterior** angles.

Connect

Corresponding angles:

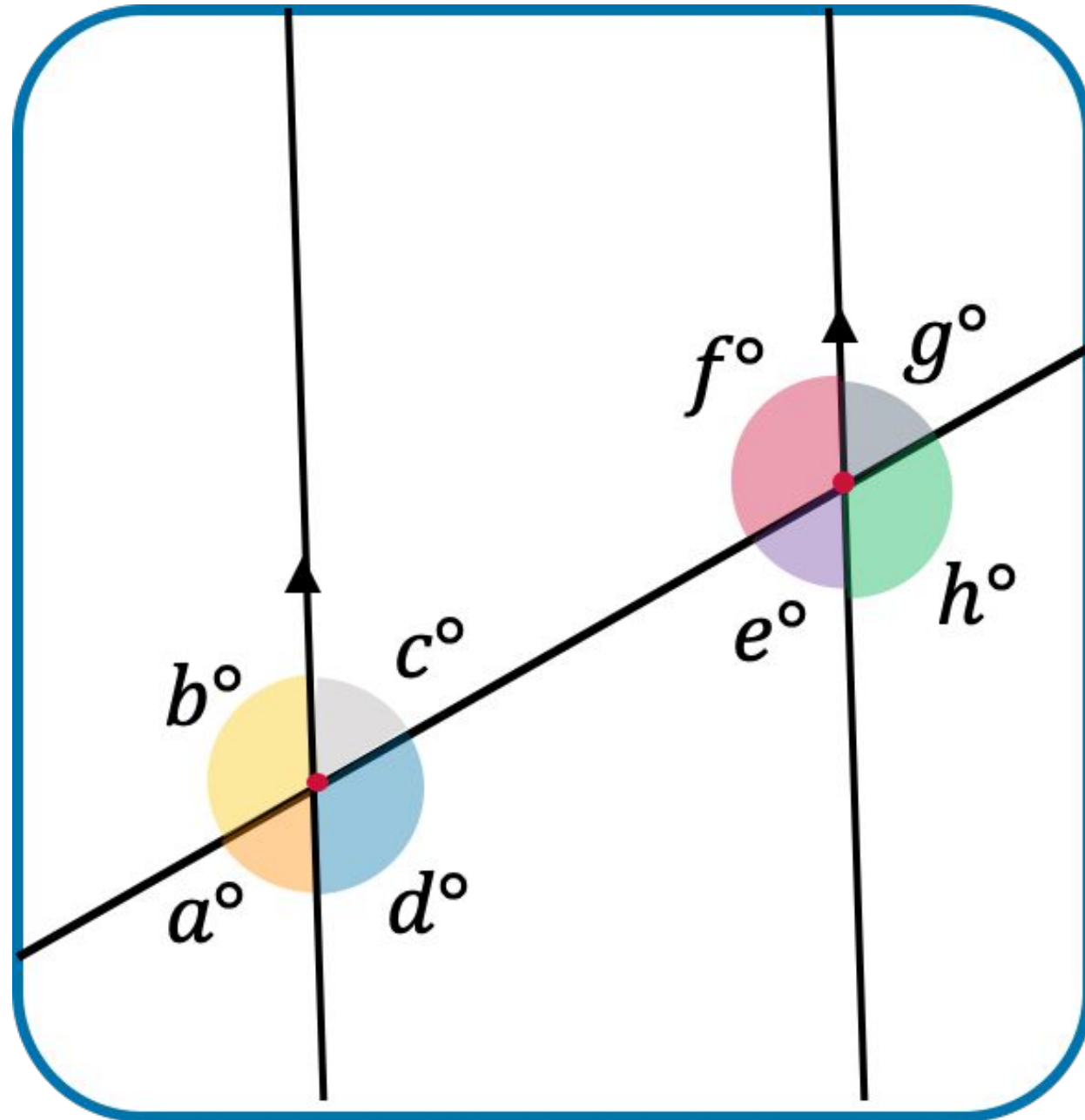A lie on the same side of a transversal

B are in different 'regions'

Allied angles:

A lie on the same side of a transversal

B are in the same 'region'

Independent Task

Let's identify pairs of...

A Corresponding angles.

B Allied angles.

Using the pairs of angles that we have found, how many ways can you complete the following equations?

$$\boxed{} = \boxed{} \qquad \boxed{} + \boxed{} = 180$$

Explore

Using all your knowledge from this lesson, find and justify the size of the unknown angles in the diagrams below.