

Mathematics

Angles Review.

Downloadable Resource – Angles in parallel lines.

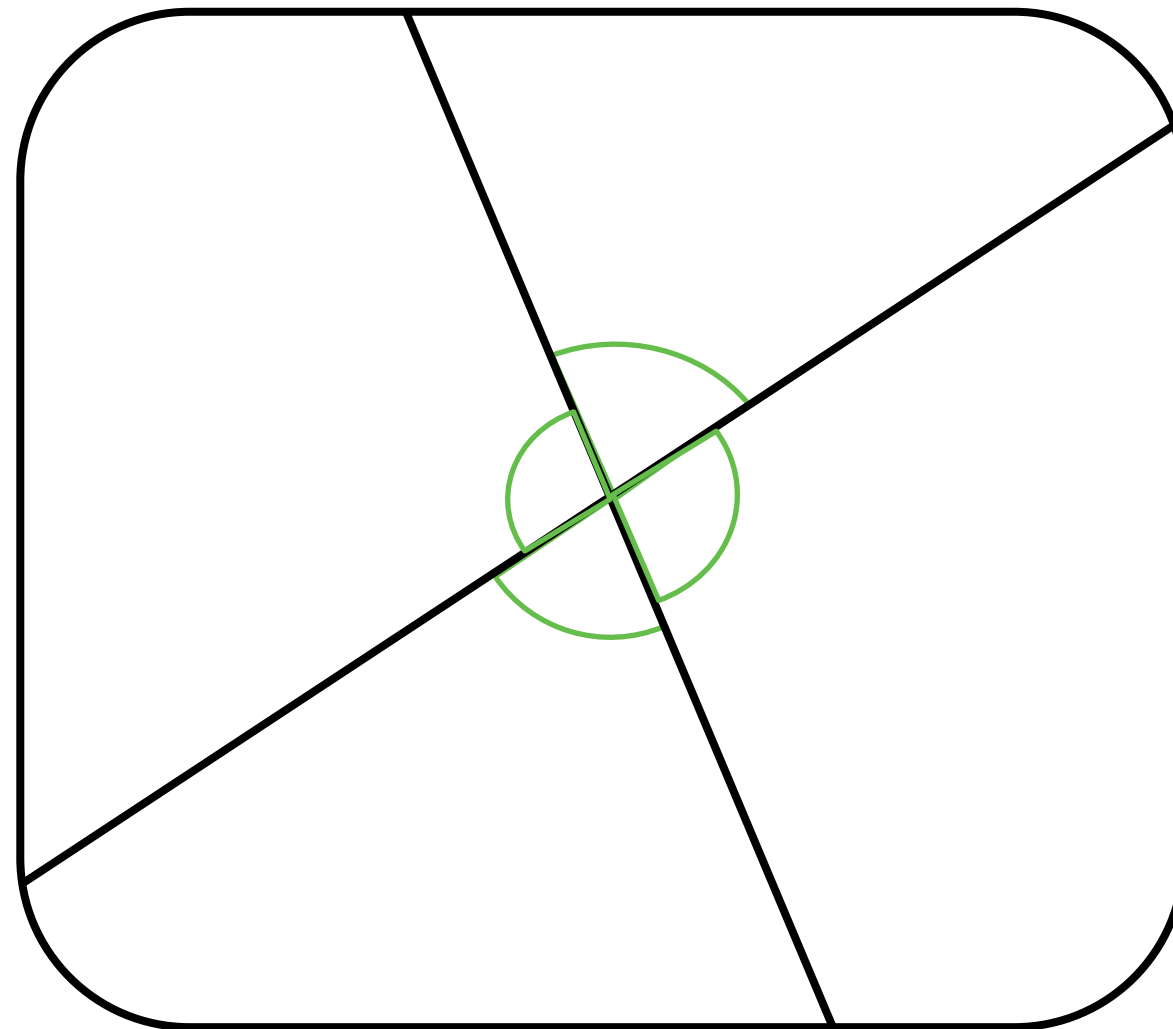
Mr. Thomas



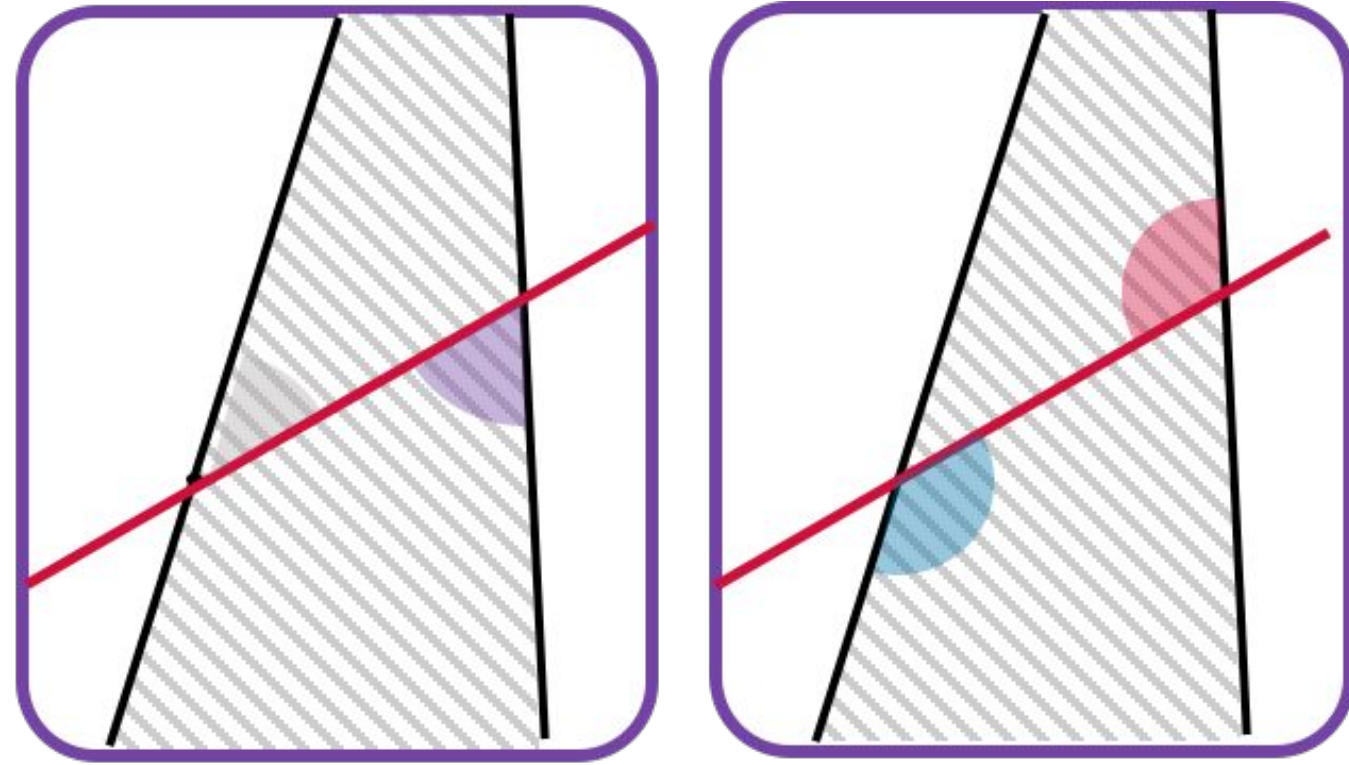
Try this

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

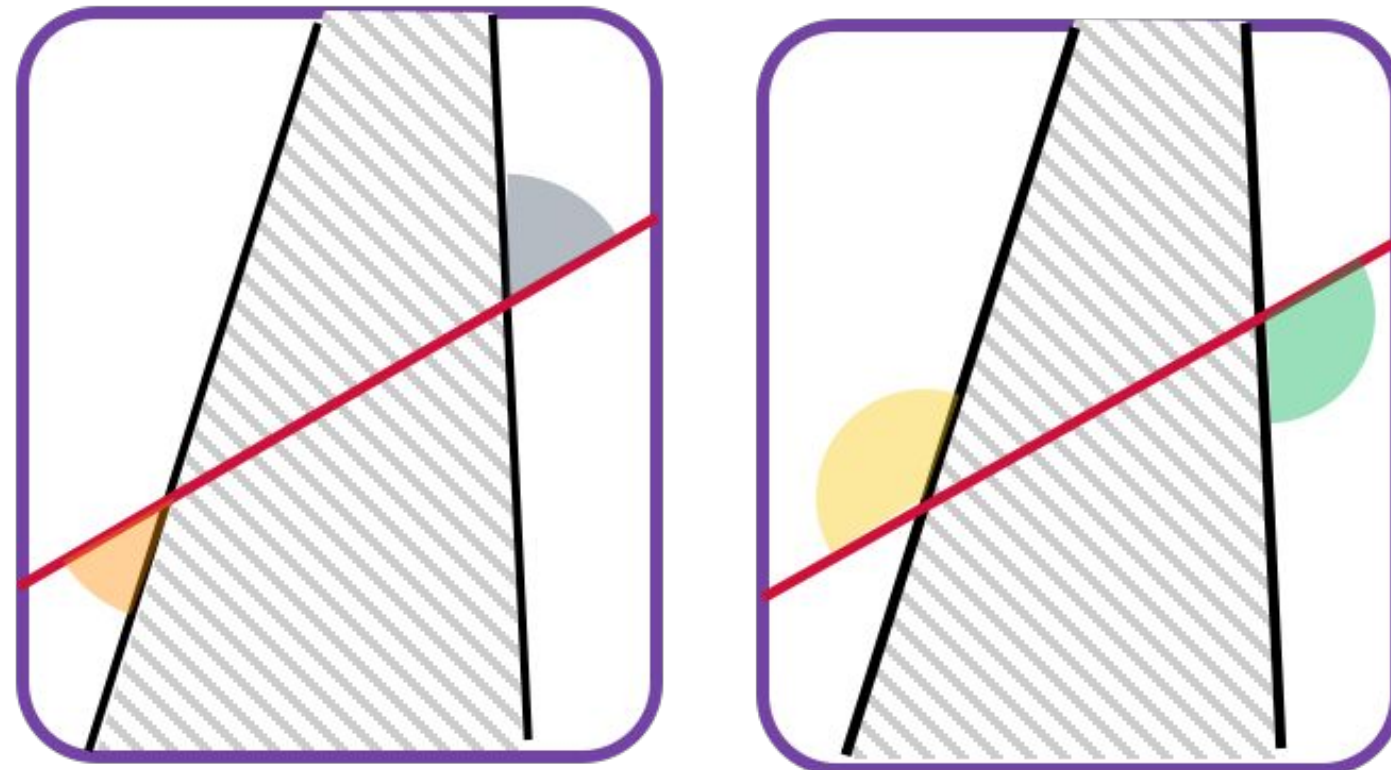
The **intersection** here is formed by two straight lines crossing.



Connect



Alternate **interior** angles.

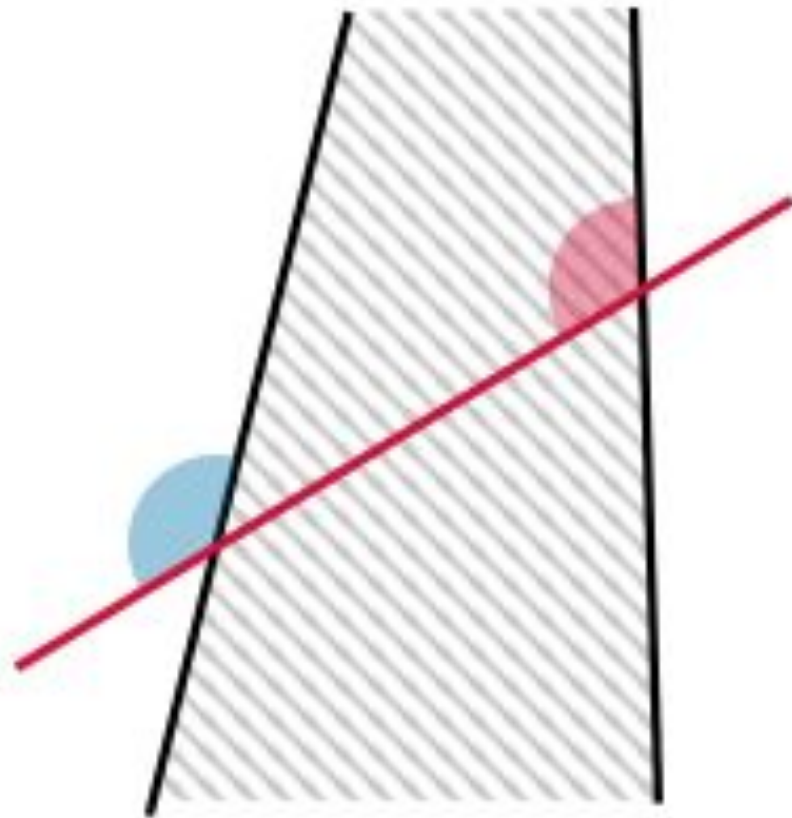


Alternate **exterior** angles.



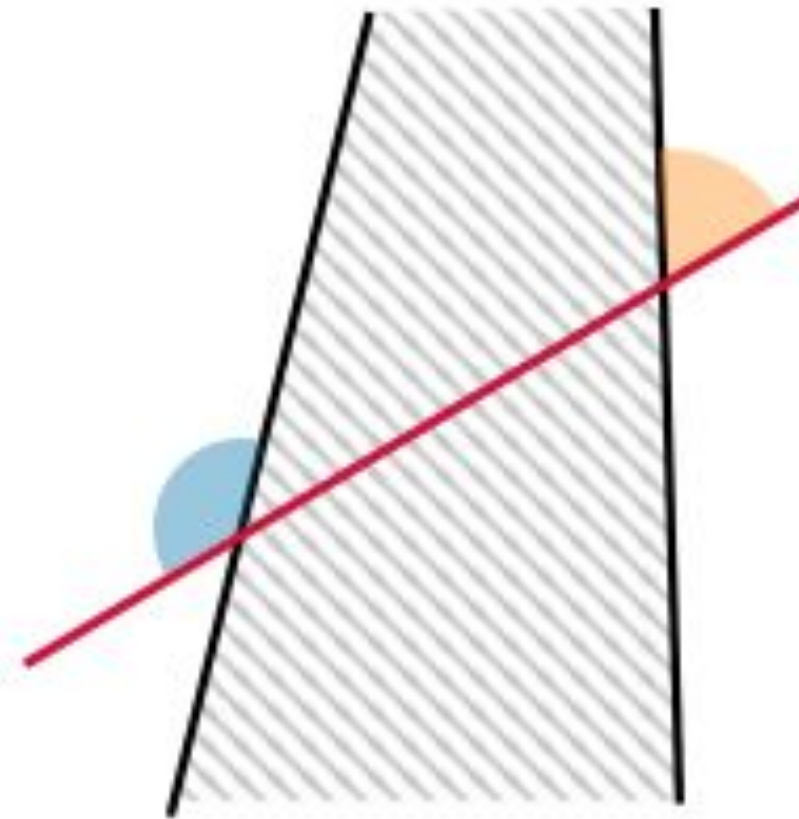
Connect

Corresponding angles:



- A** lie on the same side of a transversal
- B** are in different 'regions'

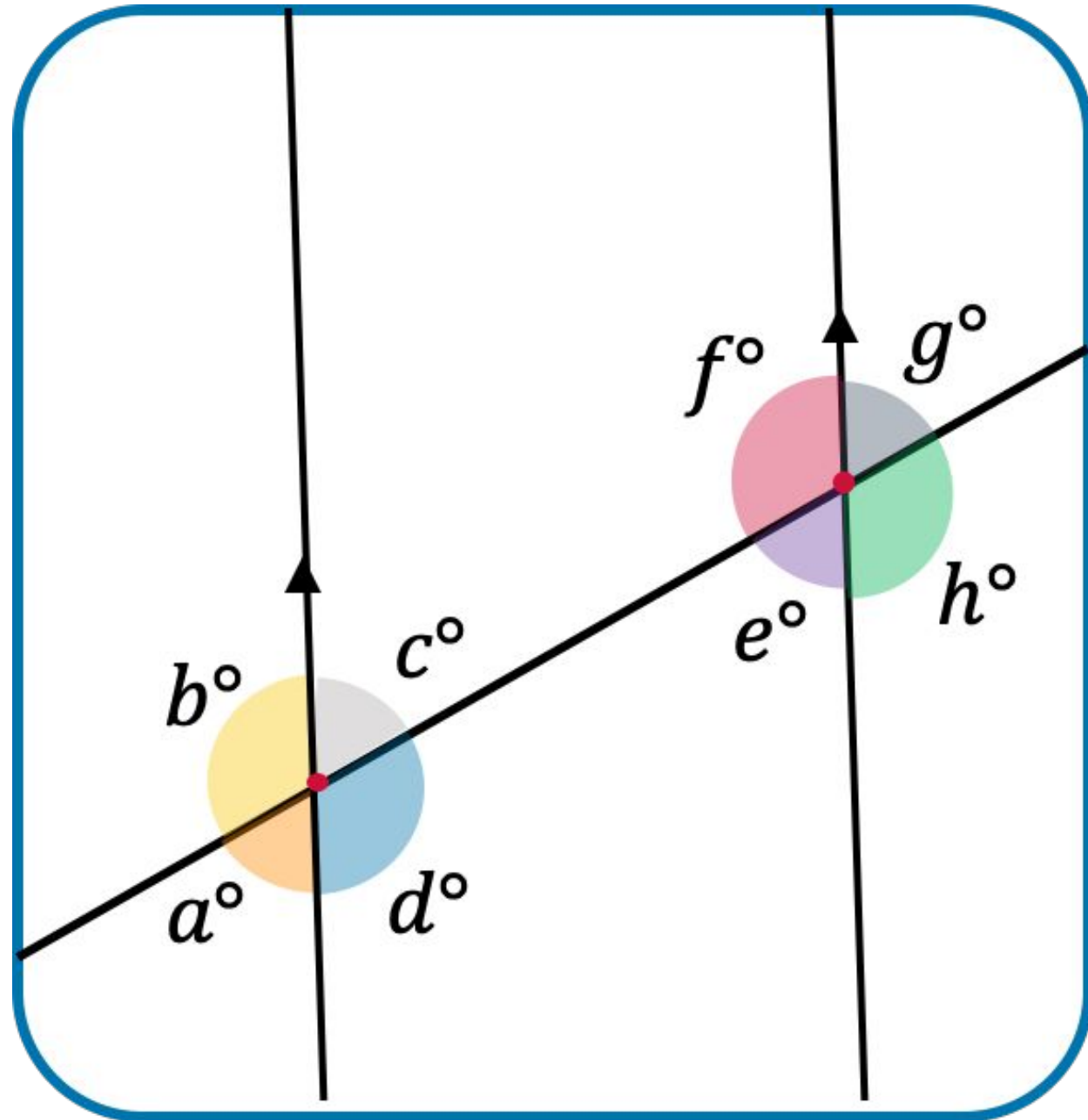
Allied angles:



- 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?

$$\square = \square$$

$$\square + \square = 180$$



Explore

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

