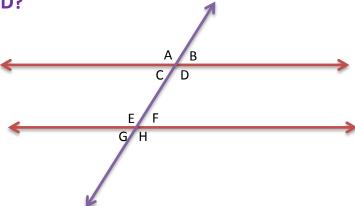


Measure all 8 angles created by drawing the transversal.

What do you notice?

Highlight all congruent angles the same color.

What do you know about ∠ A and ∠ D?



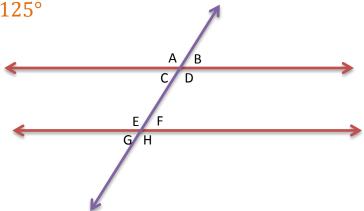
What do you know about ∠H and ∠D?

What do you know about ∠ G and ∠ H?

What do you know about ∠ E and ∠B?

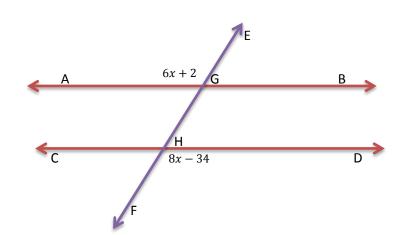
What do you know about ∠B and ∠G?

Find the measure of all angles if \angle D = 125°



Write and equation to show that

$$\angle AGE = \angle DHF$$

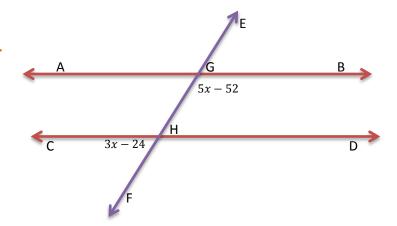


Solve the equation to find the value of x.

Use the value of x to find all missing angle measurements.

Write an equation to show that

∠BGH and **∠** CHF are supplementary.



Solve the equation to find the value of x.

Use the value of x to find all missing angle measurements.

Find the each angle measurement.

