

Homework

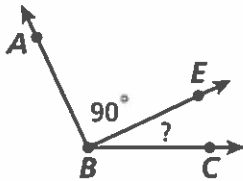
Use a protractor to draw the two described angles next to each other. What is the measure of the larger angle they form when they are put together?

1. The measures of the two angles are 20° and 55° .

2. The measures of the two angles are 65° and 95° .

Write and solve an equation to find the unknown angle measure.

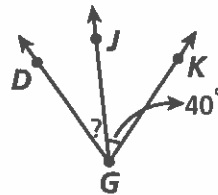
3.



The measure of $\angle ABC$ is 115° .

What is the measure of $\angle EBC$?

4.



The measure of $\angle DGK$ is 70° .

What is the measure of $\angle DGJ$?

5. When two 45° angles are put together, what kind of angle will they form?

Remembering

Use a common denominator to compare the fractions.
Write $>$, $<$, or $=$ to make a true statement.

1. $\frac{5}{8} \bigcirc \frac{1}{2}$

2. $\frac{4}{6} \bigcirc \frac{6}{9}$

3. $\frac{7}{12} \bigcirc \frac{2}{3}$

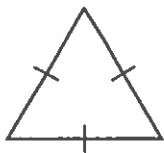
4. $\frac{3}{10} \bigcirc \frac{2}{7}$

5. $\frac{3}{4} \bigcirc \frac{5}{6}$

6. $\frac{7}{12} \bigcirc \frac{19}{24}$

Name each triangle by its angles and then by its sides.

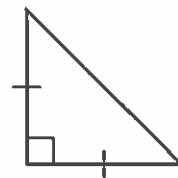
7.



8.



9.



10. **Stretch Your Thinking** Four angles are put together, forming a straight angle. Two of the angles are the same size. The other two angles are also the same size but different from the other two. If one of the four angles measures 40° , what are the measures of the other three angles? Explain.

