## Homeworlk

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 $20^{\circ}$ and $55^{\circ}$.
2. The measures of the two angles are $65^{\circ}$ and $95^{\circ}$.

Write and solve an equation to find the unknown angle measure.
3.


The measure of $\angle A B C$ is $115^{\circ}$.
What is the measure of $\angle E B C$ ?
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$\qquad$
4.


The measure of $\angle D G K$ is $70^{\circ}$.
What is the measure of $\angle D G J$ ?
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$\qquad$
5. When two $45^{\circ}$ angles are put together, what kind of angle will they form?

## Rememberthe

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.

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$\qquad$
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 $40^{\circ}$, what are the measures of the other three angles? Explain.
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