

Reason About Angles



Use the matching sheet ID when checking answers.

Use the material to work through each task. Show the requested response.

1. A right angle has parts 35 degrees and x . Find x .

Answer: 55 degrees

2. A straight angle has parts 120 degrees and x . Find x .

Answer: 60 degrees

3. Is a 70-degree angle acute, right or obtuse?

Answer: acute

4. Adjacent angles measure 25 and 40 degrees. What is their combined measure?

Answer: 65 degrees

5. How many degrees are in one full turn?

Answer: 360 degrees

6. Does making an angle drawing with longer rays change its angle measure?

Look for:

- Separates ray length from angle size.

One possible response: No. Measure depends on the opening between rays.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.