ALBERT

Name _____ Date _____

Measuring Angles Worksheet

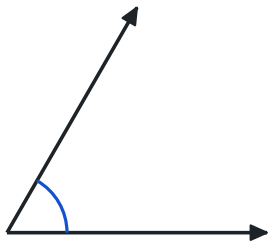
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> Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure.

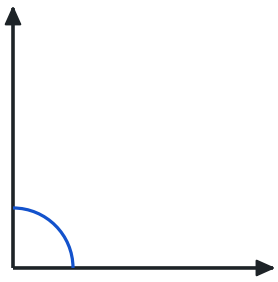
Practice

Builds the skill step by step.

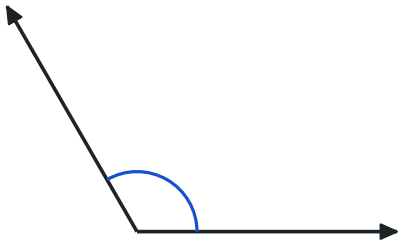
1. Use a protractor to measure the angle.



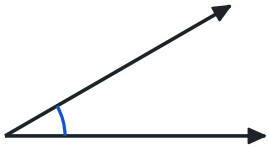
2. Use a protractor to measure the angle.



3. Use a protractor to measure the angle.



4. Use a protractor to measure the angle.



5. An angle measures 135°. What kind of angle is it?

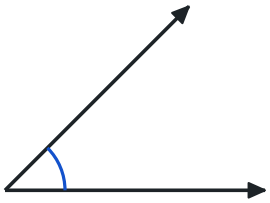
   A. obtuse

   B. acute

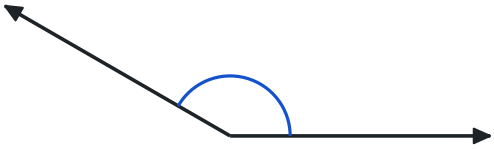
   C. right

   D. straight

6. Use a protractor to measure the angle.



7. Use a protractor to measure the angle.



8. An angle is a little smaller than a right angle. Which measure makes sense?

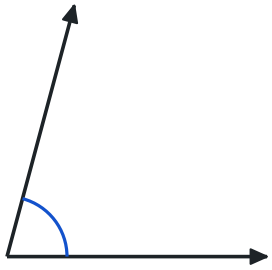
   A. 180°

   B. 85°

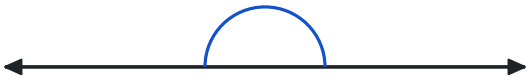
   C. 8°

   D. 95°

9. Use a protractor to measure the angle.



10. Use a protractor to measure the angle.



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On Level

Grade-level practice.

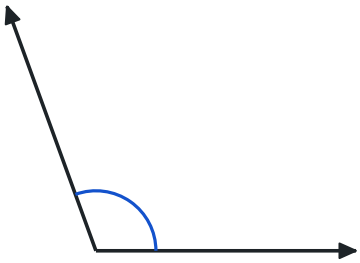
1. Use a protractor to measure the angle.



2. Use a protractor to measure the angle.



3. Use a protractor to measure the angle.



4. Leo lines up his protractor on an acute angle. The ray points between 50 on one scale and 130 on the other. What is the angle's measure?

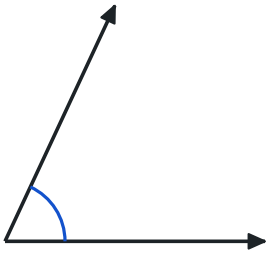
   A. 80°

   B. 130°

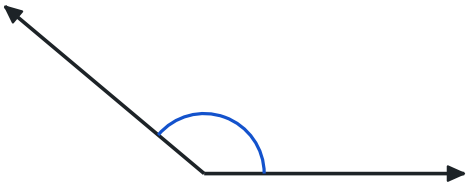
   C. 50°

   D. 180°

5. Use a protractor to measure the angle.



6. Use a protractor to measure the angle.



7. To sketch a 70° angle, you draw one ray and put the protractor's center on its endpoint. What do you do next?

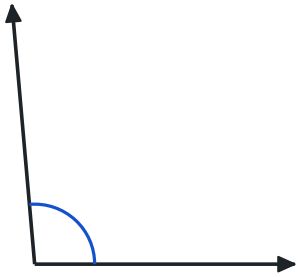
   A. Mark 110 on the scale that starts at 0.

   B. Mark 70 on either scale.

   C. Draw the second ray anywhere, then measure.

   D. Mark 70 on the scale that starts at 0 on your ray, then draw the second ray through the mark.

8. Use a protractor to measure the angle.



9. Use a protractor to measure the angle.



10. Use a protractor to measure the angle.



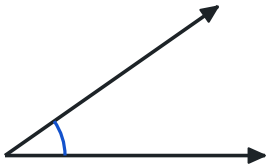
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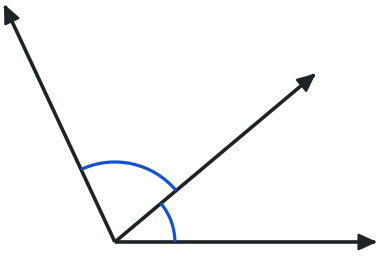
Challenge

Multi-step and word problems that stretch it.

1. Measure the angle. How many more degrees would make it a right angle?



2. The figure shows two angles next to each other. Measure the whole angle made by both together.



3. Mia measures an obtuse angle and writes 50°. What most likely went wrong?

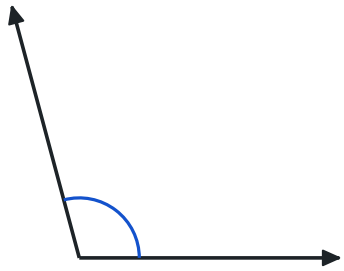
   A. She read the wrong scale. The angle is 130°.

   B. Nothing. Obtuse angles can be 50°.

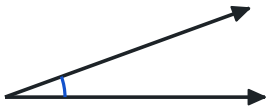
   C. She should have measured 90°.

   D. She measured the ray instead of the angle.

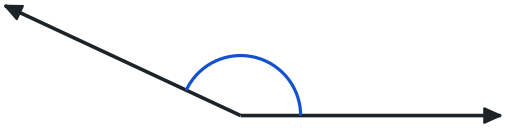
4. Measure the angle. How many degrees more than a right angle is it?



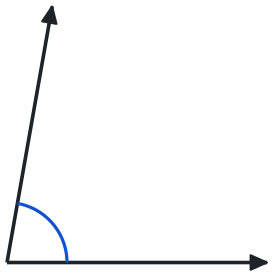
5. Measure the angle. How many copies of this angle would fit in a straight angle?



6. Use a protractor to measure the angle.

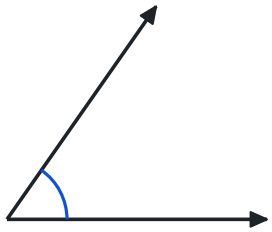


7. Measure the angle. How many degrees less than a right angle is it?



8. An angle measures 120°. Three copies of it fit around a point. What is their total?

9. Use a protractor to measure the angle.



10. Measure the angle. How many more degrees would make a straight angle?

