

Name
1/26/12
Algebra Readiness 6
Period #

Outcome: Measure angles in polygons

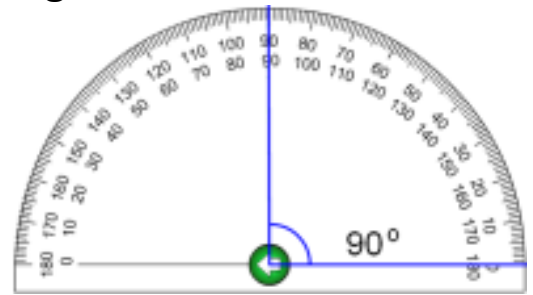
Worksheet: Skill 5 Measuring Angles

1. Obtuse, 130°
2. Right, 90°
3. Acute, 50°
4. Acute, 75°
5. Obtuse, 125°
6. Acute, 60°
7. Acute, 60°
8. Obtuse, 140°
9. Right, 90°
10. Acute, 35°
11. Obtuse, 100°
12. Acute, 70°

13. Acute



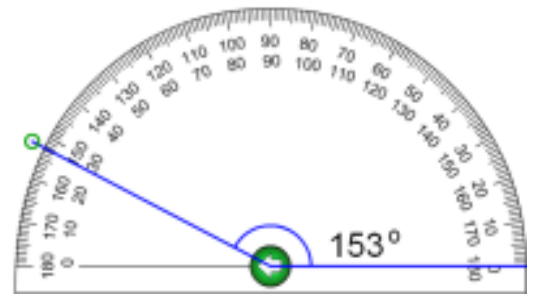
17. Right



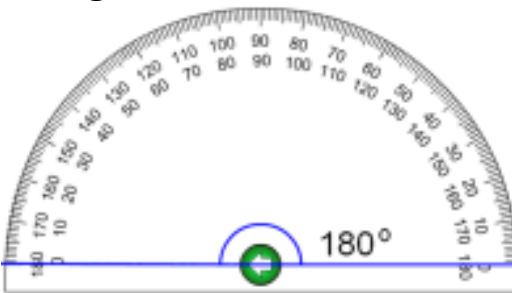
14. Obtuse



18. Obtuse



15. Straight



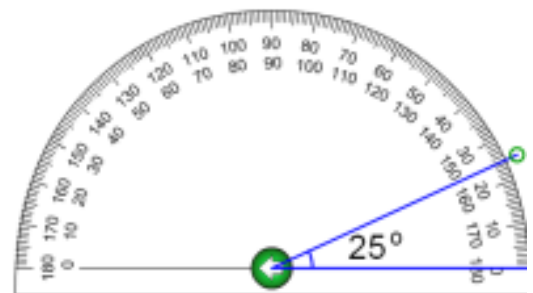
19. Obtuse



16. Acute



20. Acute



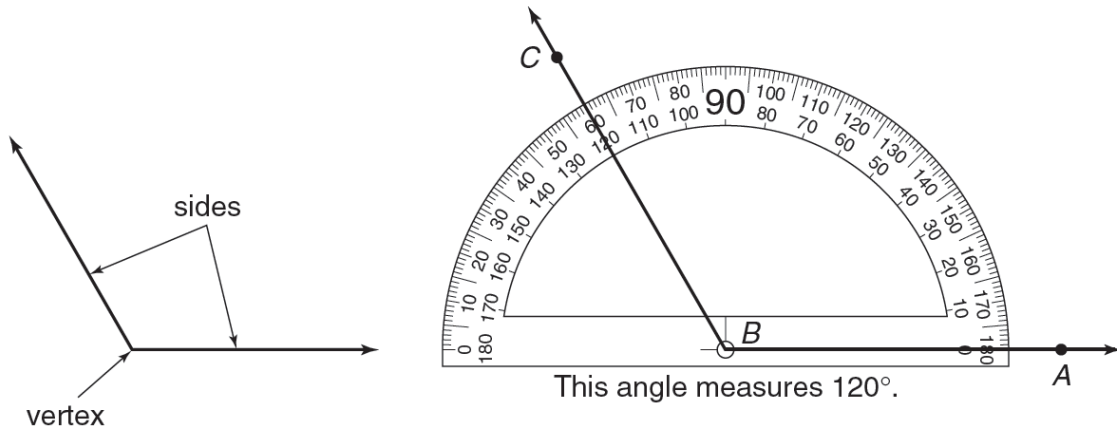
Homework: #21-22

SKILL
5

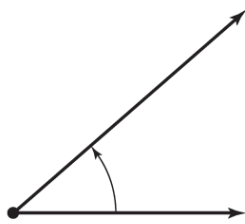
Name _____ Date _____

Measuring Angles

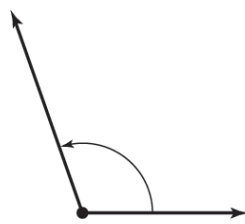
To measure an angle, place the center of a protractor on the vertex of the angle. Place the zero mark of the scale along one side of the angle. Read the angle measure where the other side of the angle crosses the scale.



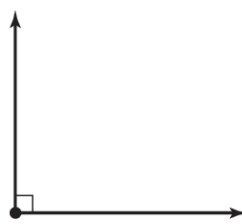
Angles may be classified according to their measure.



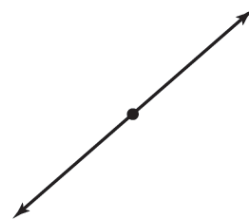
Acute angles measure between 0° and 90° .



Obtuse angles measure between 90° and 180° .



Right angles measure 90° .

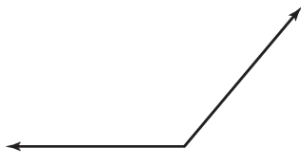


Straight angles measure 180° .

EXERCISES

Classify each angle as acute, right, or obtuse.

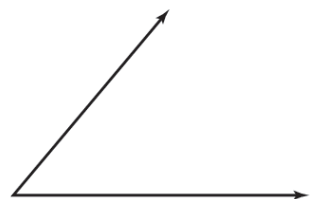
1.



2.



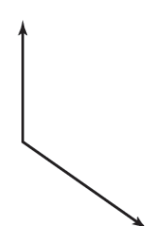
3.



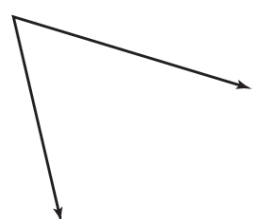
4.



5.

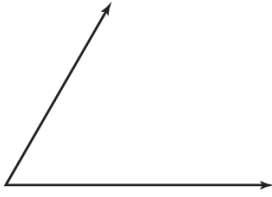


6.

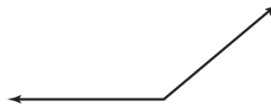


Use a protractor to find the measure of each angle.

7.



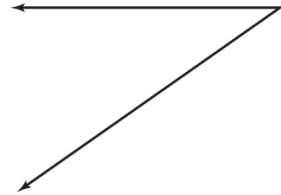
8.



9.



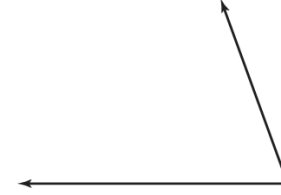
10.



11.



12.



Classify angles having each measure as acute, right, obtuse, or straight.

13. 47°

14. 95°

15. 180°

16. 82.9°

17. 90°

18. 153°

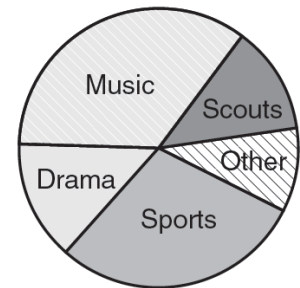
19. 179°

20. 25°

APPLICATIONS

21. The circle graph at the right shows the after-school participation of seventh grade students at Moore Middle School. Use the measure of the angles to order the activities from greatest to least involvement.

After School Participation



22. Without a protractor, draw your best estimate of an angle measuring 105° . Check your estimate with a protractor.