

**Lesson 1-4 Angle Measure**  
**Pages 33–36**

1. Yes; they all have the same measure.

3.  $m\angle A = m\angle Z$

5.  $\overrightarrow{BA}$ ,  $\overrightarrow{BC}$

7.  $135^\circ$ , obtuse

9. 47

11.  $\angle 1$ , right;  $\angle 2$ , acute;  
 $\angle 3$ , obtuse

13.  $B$

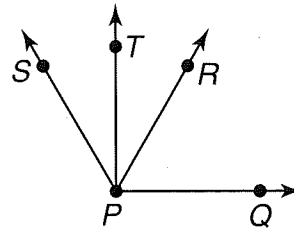
15.  $A$

17.  $\overrightarrow{AB}$ ,  $\overrightarrow{AD}$

19.  $\overrightarrow{AD}$ ,  $\overrightarrow{AE}$

21.  $\angle FEA$ ,  $\angle 4$

2. Sample answer:



4.  $C$

6.  $\angle CDB$ ,  $\angle 1$

8.  $45^\circ$ , acute

10. 22

12.  $E$

14.  $A$

16.  $\overrightarrow{DA}$ ,  $\overrightarrow{DB}$

18.  $\overrightarrow{ED}$ ,  $\overrightarrow{EG}$

20.  $\angle ABC$ ,  $\angle CBA$

22.  $\angle 2$ ,  $\angle DBA$ ,  $\angle EBA$ ,  $\angle ABE$ ,  
 $\angle FBA$ ,  $\angle ABF$