

The Polygon Angle Sum Theorem Exit Quiz

Find the measure of one angle in each regular polygon. Round to the nearest tenth if necessary.

1. regular 15-gon

2. regular 11-gon

3. regular 13-gon

4. regular 24-gon

5. regular 360-gon

6. regular 18-gon

7. regular 36-gon

8. regular 72-gon

9. regular 144-gon

The measure of an exterior angle of a regular polygon is given. Find the measure of an interior angle. Then find the number of sides.

10. 7.2

11. 18

12. 45

13. 40

14. 9

15. 6

16. 24

17. 14.4

18. 12