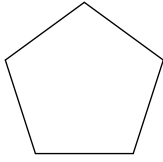
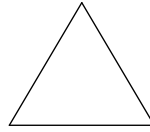


Find the measure of *one exterior angle* in each regular polygon. If rounding is necessary, round to the nearest tenth.

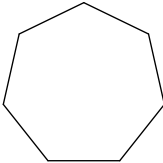
1.



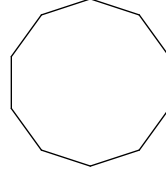
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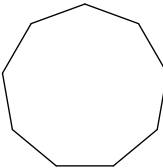
3.



4.



5.



6.



7. regular 13-gon

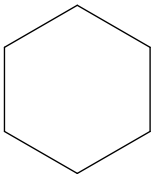
8. regular 20-gon

9. regular 16-gon

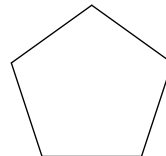
10. regular 23-gon

Find the measure of *one interior angle* in each regular polygon. If rounding is necessary, round to the nearest tenth.

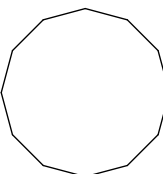
11.



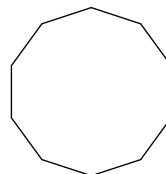
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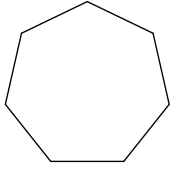
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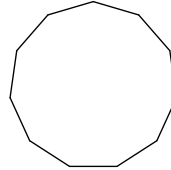
14.



15.



16.



17. regular 15-gon

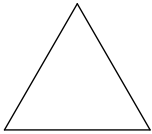
18. regular 18-gon

19. regular 20-gon

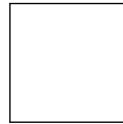
20. regular 30-gon

Find the *sum of the interior angles* for each regular polygon. If rounding is necessary, round to the nearest tenth.

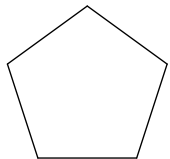
21.



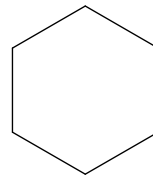
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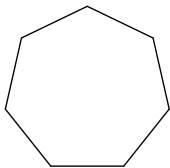
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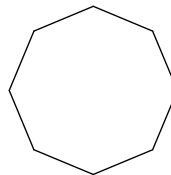
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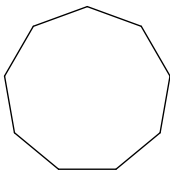
25.



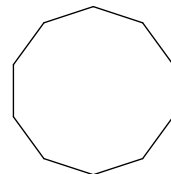
26.



27.



28.



29. regular 11-gon

30. regular 12-gon

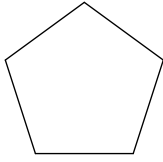
31. regular 15-gon

32. regular 20-gon

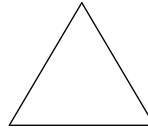
ANSWERS

Find the measure of *one exterior angle* in each regular polygon. If rounding is necessary, round to the nearest tenth.

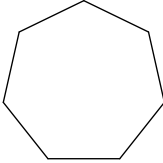
1. 72°



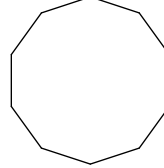
2. 120°



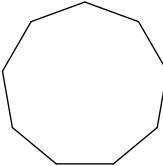
3. 51.4°



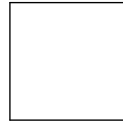
4. 36°



5. 40°



6. 90°



7. regular 13-gon 27.7°

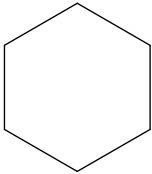
8. regular 20-gon 18°

9. regular 16-gon 22.5°

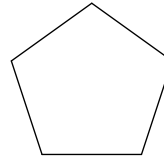
10. regular 23-gon 15.7°

Find the measure of *one interior angle* in each regular polygon. If rounding is necessary, round to the nearest tenth.

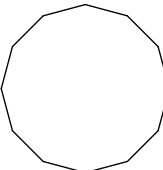
11. 120°



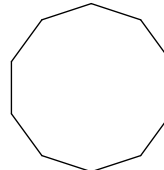
12. 108°



13. 150°

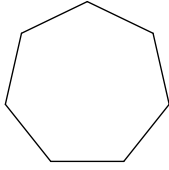


14. 144°

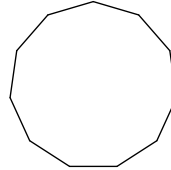


ANSWERS

15. 128.6°



16. 147.3°



17. regular 15-gon 156°

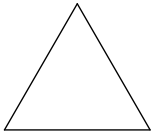
18. regular 18-gon 160°

19. regular 20-gon 162°

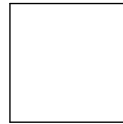
20. regular 30-gon 168°

Find the *sum of the interior angles* for each regular polygon. If rounding is necessary, round to the nearest tenth.

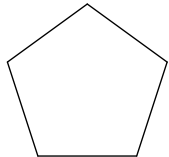
21. 180°



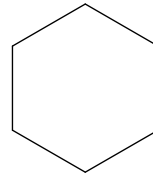
22. 360°



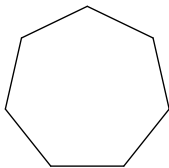
23. 540°



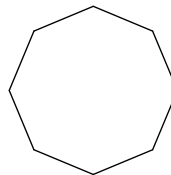
24. 720°



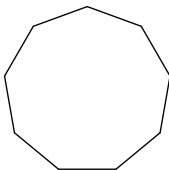
25. 900°



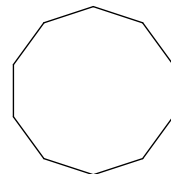
26. 1080°



27. 1260°



28. 1440°



29. regular 11-gon 1620°

30. regular 12-gon 1800°

31. regular 15-gon 2340°

32. regular 20-gon 3240°