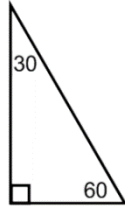
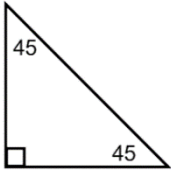


Extra Review for Quest 8.1.1 through 8.2.2

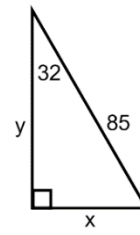
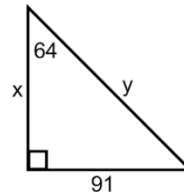
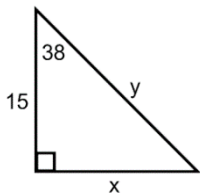
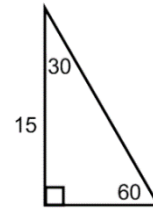
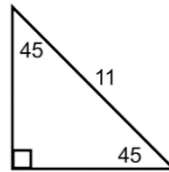
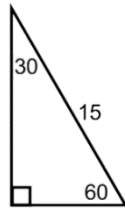
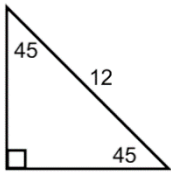
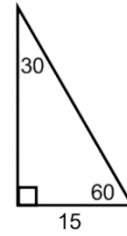
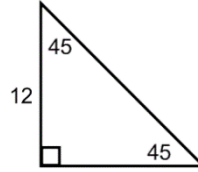
Name _____

Show all work neatly, and circle your answers.

Complete the generic triangles.



Find the missing sides of these triangles.



13. Find the sum of the interior angles of a 112-gon

14. Find one interior angle of a regular 73-gon

15. Find the sum of the exterior angles of a 52-gon

16. Find one exterior angle of a regular 75-gon

17. Find the sum of the interior angles of a 81-gon

18. Find one interior angle of a regular 60-gon

19. Find the sum of the exterior angles of a 137-gon

20. Find one exterior angle of a regular 160-gon

21. If the sum of the interior angles of a polygon is 7020, then how many sides does the polygon have?

22. If one interior angle of a regular polygon is 178.4, then how many sides does the polygon have?

23. If one exterior angle of a regular polygon is 12, then how many sides does the polygon have?

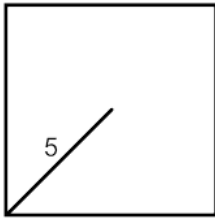
24. If the sum of the interior angles of a polygon is 9540, then how many sides does the polygon have?

25. If one interior angle of a regular polygon is 150, then how many sides does the polygon have?

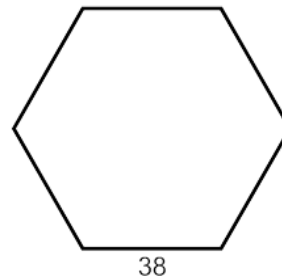
26. If one exterior angle of a regular polygon is 1.8, then how many sides does the polygon have?

Find the area of each regular polygon.

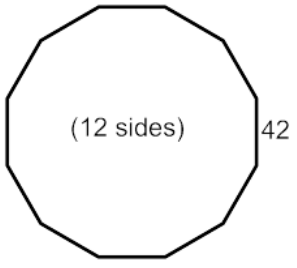
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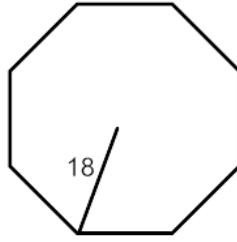
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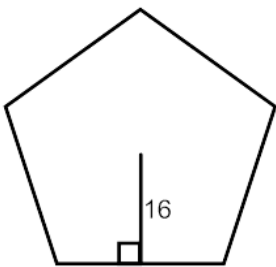
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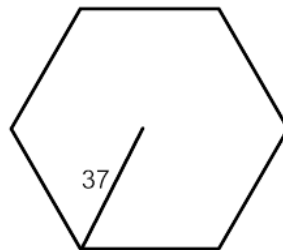
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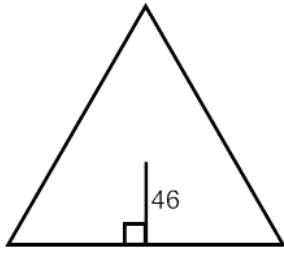
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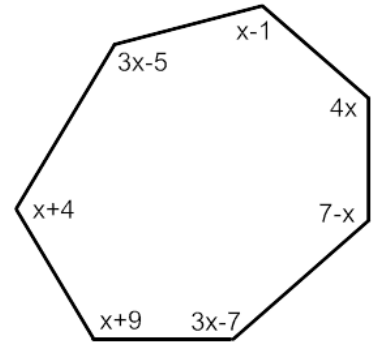
32.



33.

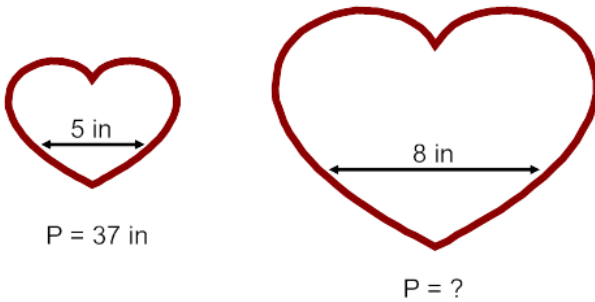


34. Find the value of x .



Find the linear scale factor, the perimeter ratios, the area ratios, and the missing perimeter or area.

35.



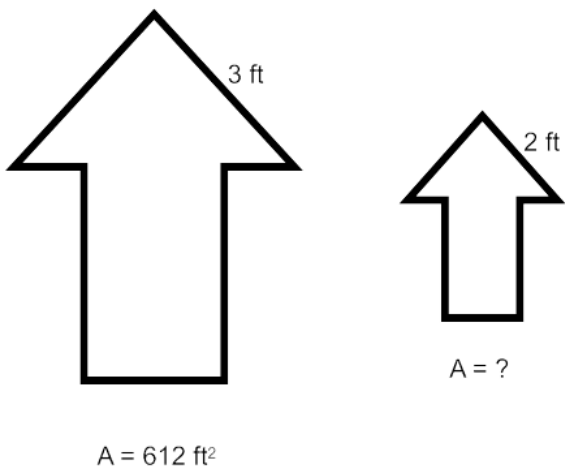
LSF = _____

PR = _____

AR = _____

P = _____

36.



LSF = _____

PR = _____

AR = _____

A = _____