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Equilateral U    equiangular U  $(7x + 4)^\circ = 60^\circ$  The measure of each    of an equiangular U is  $60^\circ$  .

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equiangular 6. opposite 7. angles 8. equilateral 9. 693 ft 10. 50q 11. 6.3 12. 60q 13. 4 1 2 yd 14.  
65q 15. 8 Practice B 1. Possible answer: It is given that HI is congruent to HJ, so I must be  
congruent to J by the Isosceles Triangle Theorem. IKH and JKH are both right

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An isosceles triangle has two sides that are congruent. These two sides are called legs. The remaining side is called a base. Since two sides are congruent, it also means that the two angles opposite those sides are congruent.

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82 Holt Geometry Cumulative Test continued 13. What is the contrapositive of the statement? If a triangle has at least two congruent angles, then it is an isosceles triangle. A If a triangle has no congruent angles, then it is not an isosceles triangle. B If a triangle is an isosceles triangle, then it has at least two congruent angles.

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Converse of Isosceles Triangle Theorem If two angles of a triangle are congruent, then the sides opposite those angles are congruent.. -, If  $\angle N > \angle M$ , then  $\overline{LN} > \overline{LM}$ . You can use these theorems to find angle measures in isosceles triangles. Find  $m \angle E$  in  $\triangle DEF$ .  $m \angle D = 5m \angle E$   
Isosc.  $\triangle$  Thm.  $\$ \% \& X X 5 x^\circ = 5(3x + 14)^\circ$  Substitute the given values.

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