

**Orange County Public Schools (OCPS)
Geometry Honors End-of-Course Review (2010-2011)**

Directions: Read and answer each question. You may use a 4-function calculator and the Algebra 1 End-of-Course and Geometry End-of-Course Assessments Reference Sheets. If you have forgotten a particular skill, the lesson number (for the McDougal Littell Geometry) is provided as a reference for each problem.

1. Write an equation in point-slope form of the line through point $J(-9, -8)$ with slope 5. (Section 3.6)
2. Give the slope-intercept form of the equation of the line that is perpendicular to $-7x + 9y = 13$ and contains $P(-10, -3)$. (Section 3.7)
3. Complete the proof. (Throughout Sections 4.2 to 4.4)
 Given: $\angle H \cong \angle K$ and $\overline{HJ} \cong \overline{KJ}$
 Prove: $\overline{LJ} \cong \overline{LJ}$



4. Where can the perpendicular bisectors of the sides of a right triangle intersect? (Section 5.2)
5. Three security cameras were mounted at the corners of a triangular parking lot. Camera 1 was 138 ft from camera 2, which was 155 ft from Camera 3. Cameras 1 and 3 were 118 ft apart. Which camera had to cover the greatest angle? (Section 5.5)
6. Could the lengths given for each of the following be the lengths of the sides of a triangle? Explain your reasoning.
 7, 25, 10 ; 10, 15, 22 ; 20, 5, 10 ; 15, 9, 24 (Section 5.5)
7. Given the coordinates of a triangle are : A (-4, 1) ; B (-3, 5) ; C (-1, 1), graph the triangle:
 a.) reflect the triangle over the x-axis b.) reflect the original triangle over the y-axis. (Section 7.2)
8. Based on the pattern, what is the next figure in the sequence? (Section 1.1)



Holt Geometry Worsheets Answer Key

Lingjun Ying



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web plate earthing fig 3 plate earthing for this form of earthing a plate composed of copper or galvanized iron is placed vertically in the ground pit less than three meters above the ground for a more effective electrical grounding system one must maintain the earth s moisture condition surrounding the plate earthing system

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web jul 12 2021 plate earthing in this method as illustrated in fig 1 the earth wire is securely bolted to the earth plate either of copper minimum size 60 cm 60 cm 3 18 mm or of galvanized iron minimum size 60 cm 60 cm 6 35 mm buried in the ground to the depth of 3 m

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