

Name _____
 Period _____ Date _____

9-6 Geometric Probability Practice Worksheet

Please show all your work for full credit! Round answers to the nearest hundredth when necessary.

A point is chosen randomly on \overline{EH} . Find the probability of each event.



1. The point is on \overline{FH} .

2. The point is not on \overline{EF} .

3. The point is on \overline{EF} or \overline{GH} .

4. The point is on \overline{EG} .

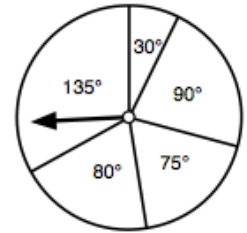
Use the spinner to find the probability of each event.

5. the pointer landing on 135°

6. the pointer landing on 75°

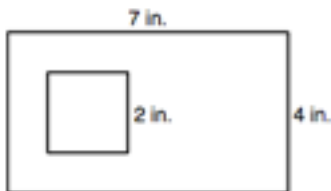
7. the pointer landing on 90° or 75°

8. the pointer landing on 30°

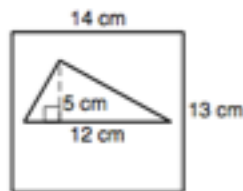


Find the probability that a point chosen randomly inside the rectangle is in the given shape.

9. the square



10. the triangle



Find the probability that a point chosen randomly inside the rectangle is in each given shape. Round to the nearest hundredth.

11. the triangle

12. the square

13. the triangle or the square

14. not the triangle

