Example 4 Use Angle Measures to Find Geometric Probability

Use the spinner to find the probability of landing in each section.

a. *P*(pointer landing on purple): The angle measure of the purple region is 30°.

  P(pointer landing on purple) = $\frac{30}{360}$ or 8.3%.

b. *P*(pointer landing on green):

  The angle measure of the green region is ☐

  P(pointer landing on green) = ☐ or ☐ %.

c. *P*(pointer landing on neither yellow nor red):

  Combine the angle measures of the yellow and red regions: ☐

  P(pointer landing on neither yellow nor red) = $\frac{\boxed{}}{\boxed{}}$ or $\frac{\boxed{}}{\boxed{}}$

  or ☐ %