

Photography

Answer Key

1. The photo has an area of 96 square inches.
2. The aperture has an area of approximately 3.14 square centimeters (rounded to two decimal places).
3. The angle between two opposite edges of the photo is 120 degrees.
4. The photo's perimeter is 40 inches.
5. The sensor has an area of 308 square millimeters.
6. The filter's circumference is approximately 25.12 centimeters (rounded to two decimal places).
7. The camera is $60 \text{ inches} * \sin(45 \text{ degrees}) \approx 42.43 \text{ inches}$ above the ground (rounded to two decimal places).
8. The border has an area of 12 square inches.
9. Each angle in the square is 90 degrees.
10. The filter's perimeter is 10 inches.