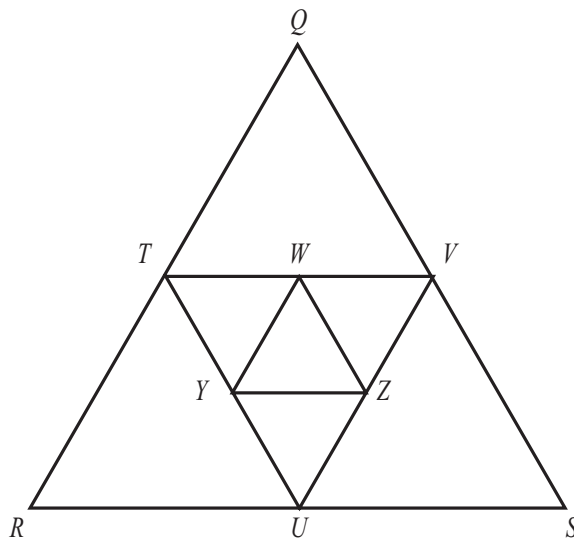


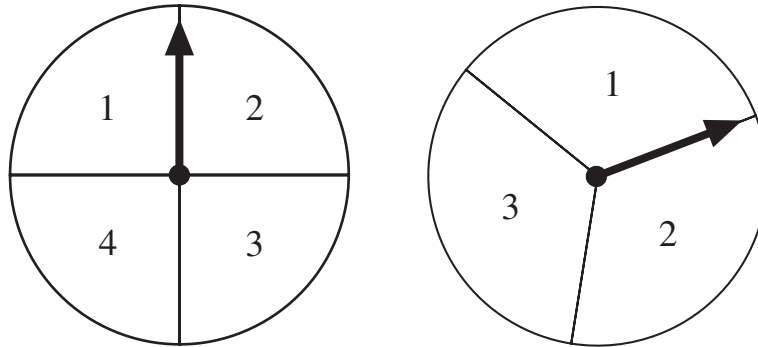
- 9 In the figure shown below, triangle TUV is formed by joining the midpoints of the sides of equilateral triangle QRS . Triangle WYZ is formed by joining the midpoints of the sides of triangle TUV .



If the area of triangle QRS is 64 square inches, what is the area of triangle WYZ ?

- A. 1 square inch
- B. 4 square inches
- C. 8 square inches
- D. 16 square inches

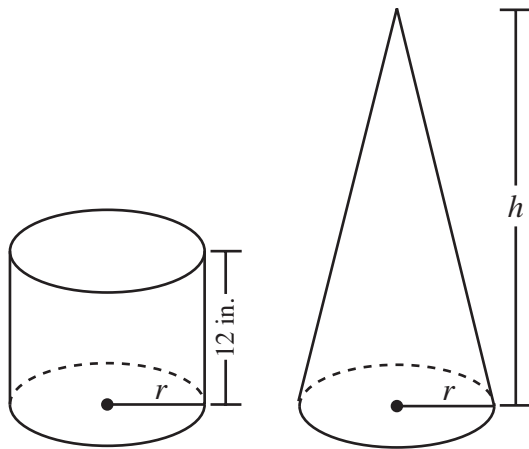
- 10 Joshua spun the arrow on each spinner shown below exactly once. He recorded the sum of the resulting two numbers.



What is the probability that the sum of the resulting two numbers will be 2?

- A. $\frac{1}{12}$
- B. $\frac{1}{4}$
- C. $\frac{1}{3}$
- D. $\frac{7}{12}$
-
- 11 A rectangle has a perimeter of 44 inches and an area of 72 square inches. What are the lengths of the sides of the rectangle?
- A. 2 inches and 36 inches
- B. 4 inches and 18 inches
- C. 8 inches and 9 inches
- D. 11 inches and 11 inches

- 12 The right cylinder and right cone shown below have the same radius and volume. The cylinder has a height of 12 inches.



What is h , the height of the cone?

- A. 18 inches
- B. 24 inches
- C. 36 inches
- D. 42 inches