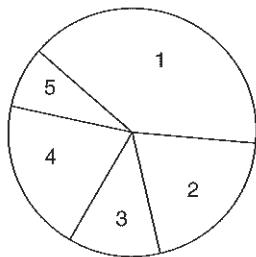


# Geometry Skills Checkup

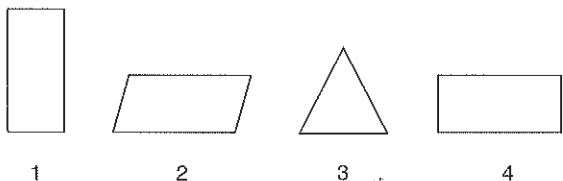
Circle the letter for the best answer to each question.

1. Which sections of this figure are congruent?



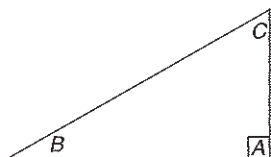
- A 1 and 5
- B 2 and 4
- C 2 and 5
- D 1 and 4

2. Which figures are similar?



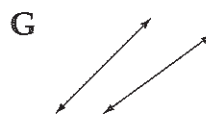
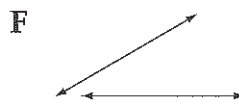
- F 1 and 3
- G 1 and 4
- H 2 and 3
- J 1, 2, and 4

3. What is the measure of angle A?

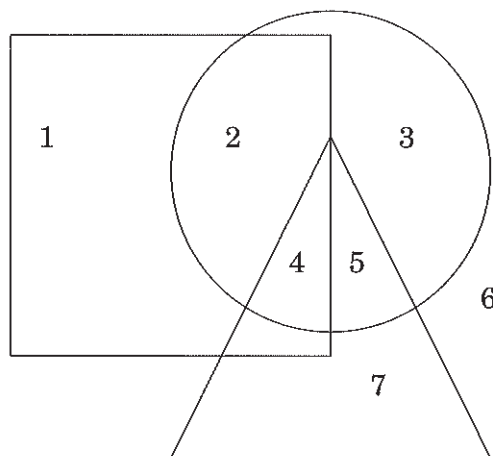


- A 30 degrees
- B 45 degrees
- C 90 degrees
- D 180 degrees

4. Which diagram shows parallel lines?



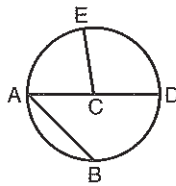
5. Which number is inside the square and the circle, but outside the triangle?



- A 2
- B 4
- C 3
- D 5

6. Which best describes  $\overline{AC}$  ?

- F chord
- G radius
- H diameter
- J line

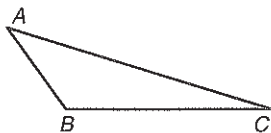


7. Which best describes this figure?



- A cube
- B cone
- C rectangular solid
- D pyramid

8. Which best describes triangle  $ABC$ ?

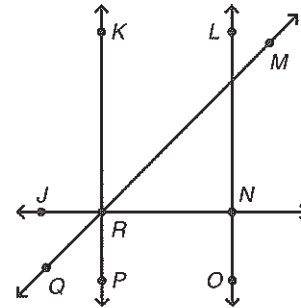


- F acute and scalene
- G obtuse and isosceles
- H right and isosceles
- J obtuse and scalene

9. Which describes the features of a regular polygon?

- A equal sides but not equal angles
- B equal angles but not equal sides
- C neither equal sides nor equal angles
- D both equal sides and equal angles

Use the drawing below to answer Questions 10–12. Circle the term that best describes the relationship between the lines named.



10.  $\overleftrightarrow{QM}$  and  $\overleftrightarrow{JN}$

- F intersecting
- G parallel
- H similar
- J perpendicular

11.  $\overleftrightarrow{KP}$  and  $\overleftrightarrow{JN}$

- A intersecting
- B parallel
- C similar
- D perpendicular

12.  $\overleftrightarrow{KP}$  and  $\overleftrightarrow{LO}$

- F intersecting
- G parallel
- H similar
- J perpendicular