

Multiple Choice

1. Which best describes $\angle 1$ and $\angle 5$?

- (A) alternate interior angles
- (B) alternate exterior angles
- (C) corresponding angles
- (D) same-side exterior angles

2. Which best describes $\angle 6$ and $\angle 7$?

- (F) vertical angles
- (G) corresponding angles

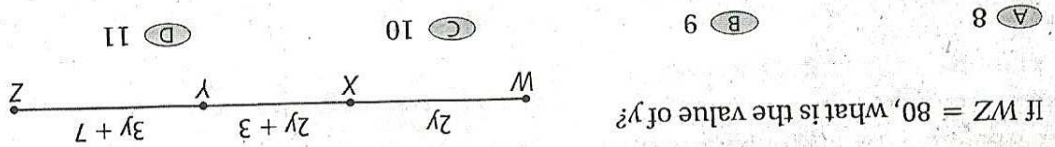
3. If an animal is a mammal, then it has fur. What is the conclusion of this conditional?

- (A) An animal is a mammal.
- (B) The animal has fur.
- (C) Mammals have fur.
- (D) Not all animals have fur.

4. Two of what geometric figure are joined at a vertex to form an angle?

- (F) points
- (G) planes
- (H) rays
- (I) lines

5. If $WZ = 80$, what is the value of y ?



6. If $\triangle ABC \cong \triangle DEF$, which is a correct congruence statement?

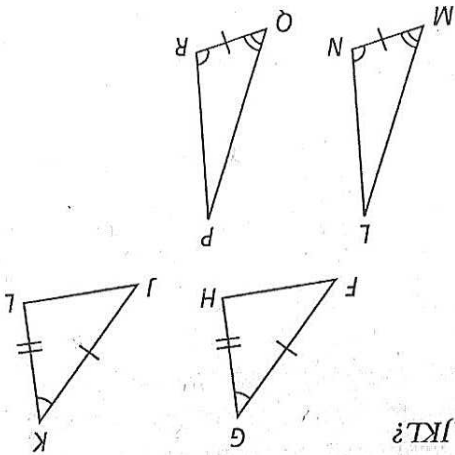
- (F) $\angle B \cong \angle D$
- (G) $\overline{AB} \cong \overline{EF}$
- (H) $\overline{CA} \cong \overline{FD}$
- (I) $\angle A \cong \angle C$

7. Which can be used to justify stating that $\triangle FGH \cong \triangle JKL$?

- (A) ASA
- (B) SAS
- (C) SSS
- (D) AAS

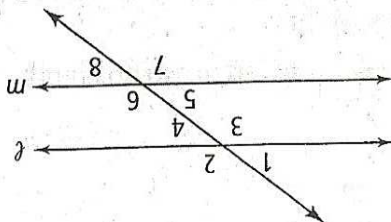
8. Which postulate can be used to justify stating that $\triangle LMN \cong \triangle PQR$?

- (F) ASA
- (G) SAS
- (H) SSS
- (I) AAS



Multiple Choice

Use the diagram for Exercises 1 and 2. Line ℓ is parallel to line m .



(I) linear pair

(H) alternate exterior angles

(D) Not all animals have fur.

(C) Mammals have fur.

(D) 11

(C) 10

(B) 9

(A) 8