Logic- Negation- NOT & Conjunction- AND - Matching Worksheet

Write the letter of the answer that makes the truth value of the negation of each sentence.

_____ 1. Obtuse angled triangles have one obtuse angle and the other two angles are acute. Write (T) for true and (F) for false.

a. Y

_____ 2. Scalene triangles have equal angles, and equal sides of equal length. Write (Y) for true and (N) for false.

b. F

_____ 3. Isosceles triangles have two angles equal and 2 sides of equal length. Write (P) for true and (Q) for false.

c. R

_____ 4. Spheres have 1 curved face, 0 edges and 0 vertices. Write (A) for true and (B) for false.

d. Z

_____ 5. Cuboids have 7 faces, 10 edges and 9 vertices. All the faces on cuboids are rectangular. Write (R) for true and (S) for false.

e. C

_____ 6. Closed cylinders have 3 faces, 2 edges and 0 vertices. Write (X) for true and (Z) for false.

f. B

_____ 7. Square based pyramids have 6 faces, 7 edges and 5 vertices. Write (C) for true and (D) for false.

g. Q