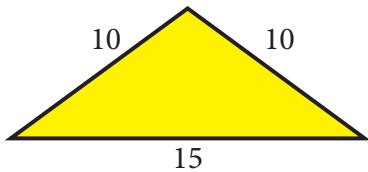


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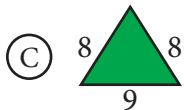
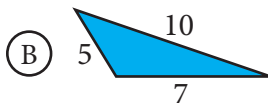
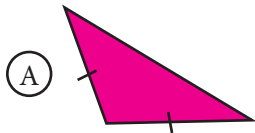
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1. What is the best name for this triangle?



- (A) obtuse scalene
 (B) right isosceles
 (C) acute scalene
 (D) obtuse isosceles

2. Which triangle is an acute scalene triangle?



3. Circle ALWAYS, SOMETIMES OR NEVER for each statement.

- a. Opposite sides in a kite are equal in length.

ALWAYS SOMETIMES NEVER

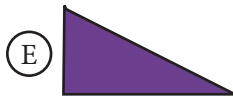
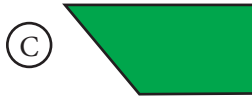
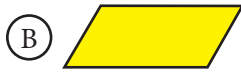
- b. A square is a rectangle.

ALWAYS SOMETIMES NEVER

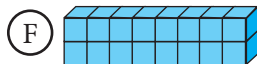
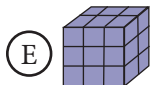
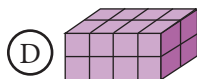
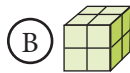
- c. Both pairs of opposite sides in a parallelogram are parallel.

ALWAYS SOMETIMES NEVER

4. Which shape below has line symmetry? Select all that apply.



5. Which solid figures have a volume of 16 cubic units? Select all that apply.



6. Which measurement should be used to best measure the volume of a shoe box?

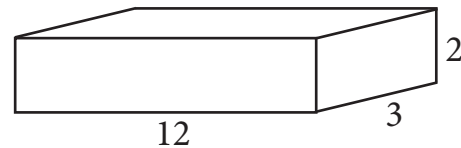
(A) 1 cubic mile

(B) 1 cubic inch

(C) 1 cubic foot

(D) 1 cubic yard

7. What is the volume of the rectangular prism?



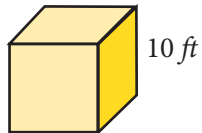
(A) 17 cubic units

(B) 36 cubic units

(C) 48 cubic units

(D) 72 cubic units

8. What is the volume of the cube?

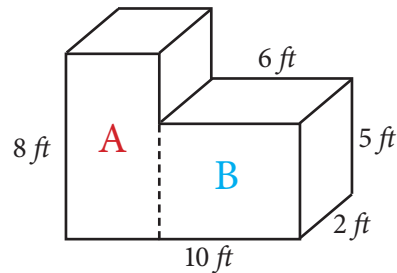


- (A) 10 cubic feet
- (B) 30 cubic feet
- (C) 100 cubic feet
- (D) 1,000 cubic feet

9. A rectangular prism has a volume of 60 cubic inches. It has a length of 4 *in* and a width of 3 *in*. What is the height of the rectangular prism?

- (A) 53 *in*
- (B) 15 *in*
- (C) 7 *in*
- (D) 5 *in*

10. Circle YES or NO for the following statements.



a. Volume of Figure A is 64 ft^3 .

YES NO

b. Volume of Figure B is 30 ft^3 .

YES NO

c. Total volume of the solid is 124 ft^3 .

YES NO