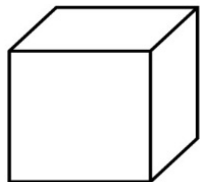


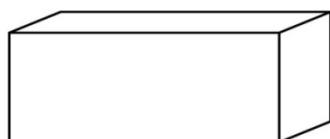
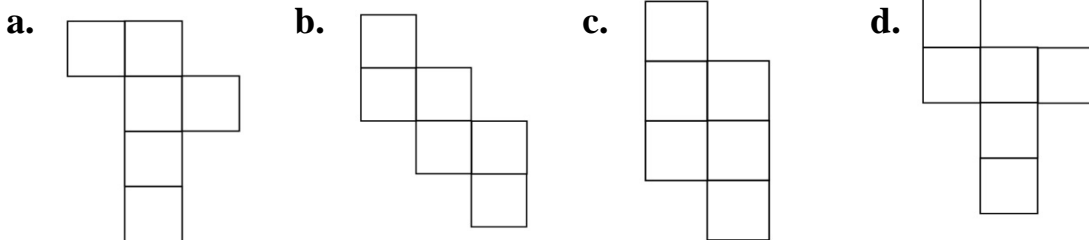
Think 3-D

Name _____

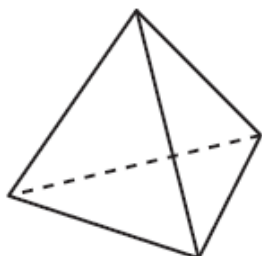
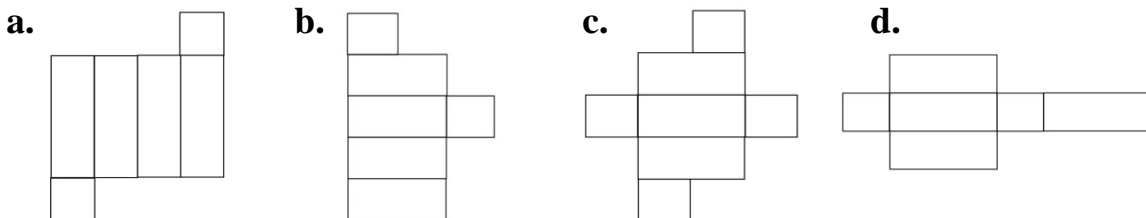
Directions #1-4: Read carefully, as each question asks you to find the net that will NOT create the figure shown.



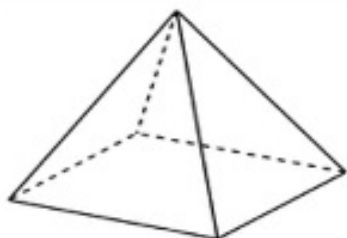
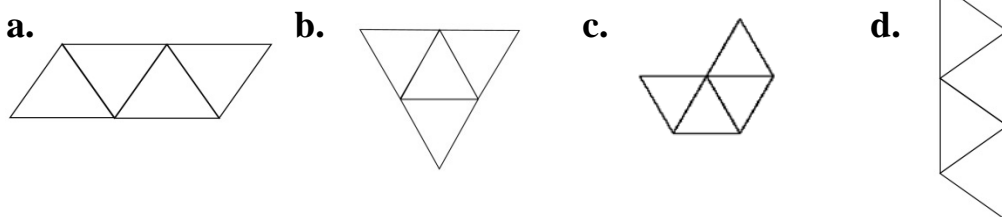
1. Which net will **NOT** form a cube?



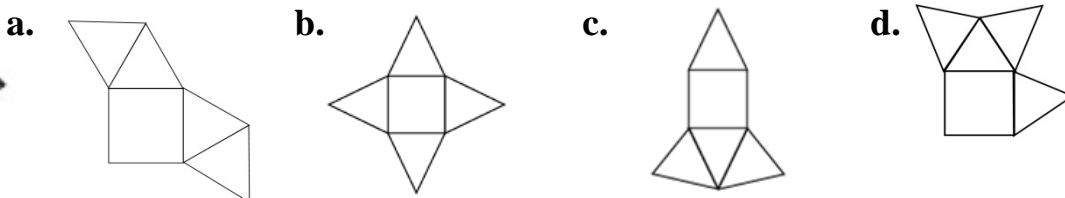
2. Which net will **NOT** form a rectangular prism?



3. Which net will **NOT** form a tetrahedron?



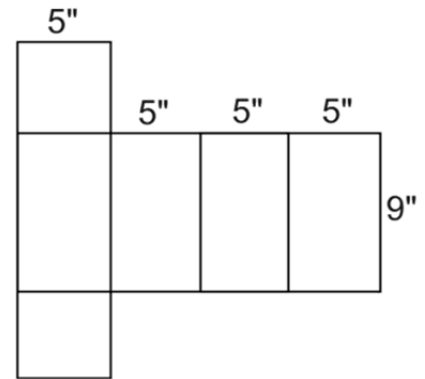
4. Which net will **NOT** form a square pyramid?



Directions: Choose the best answer for the following questions as they pertain to the nets shown. The nets form 3-D objects. Show your work.

5. What is the surface area of the 3-D figure in sq. in.?

- a. 45 b. 78 c. 225 d. 230

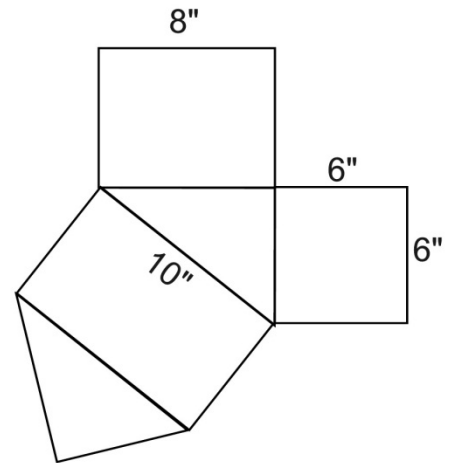


6. What is the volume of the 3-D figure in cu. in.?

- a. 45 b. 225 c. 1125 d. 5625

7. What is the surface area of the 3-D figure in sq. in.?

- a. 64 b. 192 c. 228 d. 256

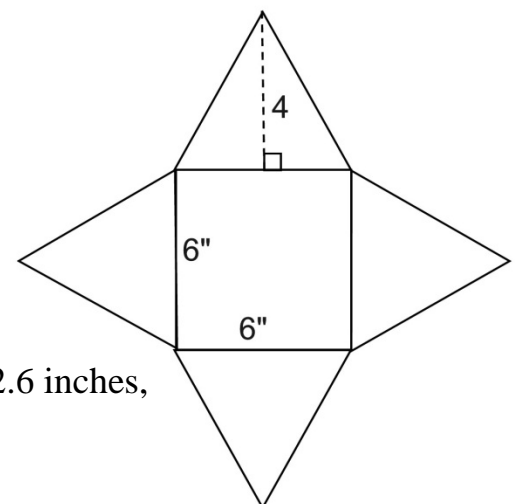


8. What is the volume of the 3-D figure in cu. in.?

- a. 110 b. 140 c. 144 d. 288

9. What is the surface area of the 3-D figure in sq. in.?

- a. 84 b. 132 c. 144 d. 864



10. The volume of a square pyramid: $V = \frac{1}{3}Bh$

(where B = area of the base and h = height).

If the height of this pyramid to the nearest tenth is 2.6 inches, what is its volume in cu. in.?

- a. 31.2 b. 93.6 c. 144 d. 374.4