

MATH 7
3-D GEOMETRY S.G.

NAME _____

SKETCH THE NET OF:

① CUBE

② SQUARE PYRAMID

FIND SURFACE AREA & VOLUME.

③

14 cm

15 cm

12 cm

12 cm

S.A. = _____

④

5 cm

5 cm

9

8 cm

9 cm

S.A. = _____

VOLUME = _____

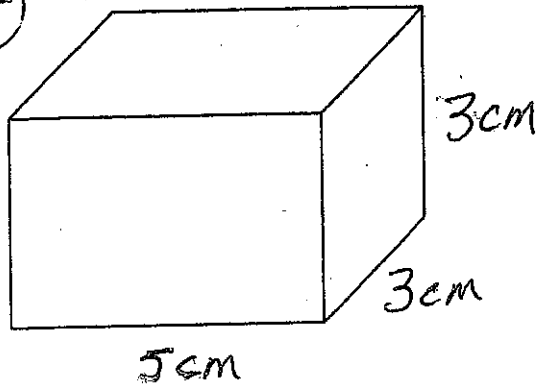
VOLUME = _____

Standard 7.G.6 (M)

Beneath the Surface

A. Directions: Find the surface area and volume of each figure below.

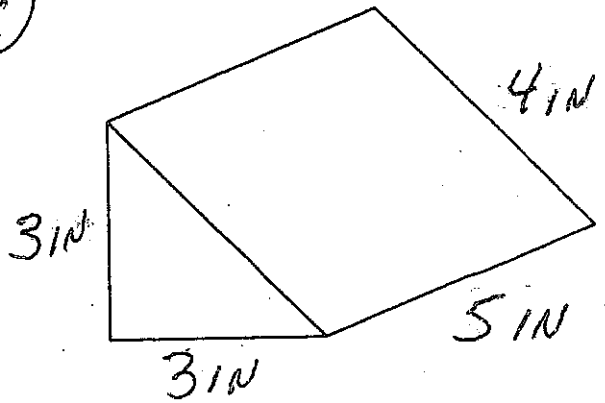
⑤



Surface Area: _____

Volume: _____

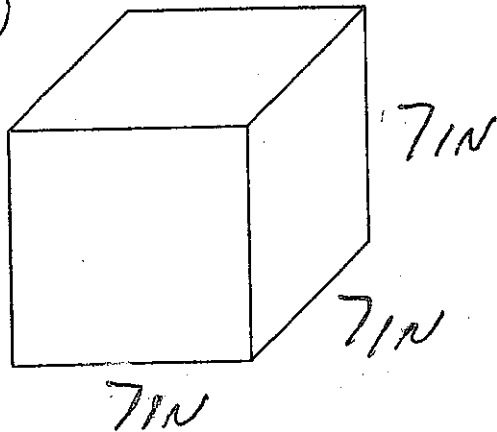
⑥



Surface Area: _____

Volume: _____

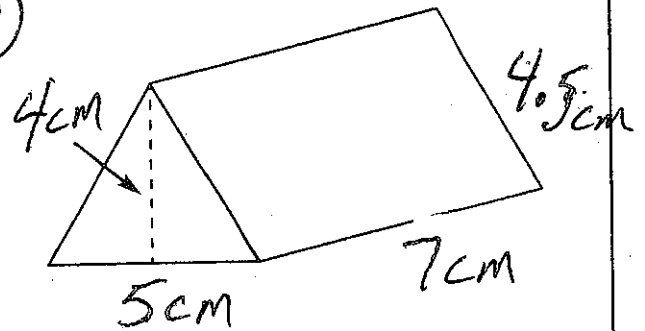
⑦



Surface Area: _____

Volume: _____

⑧



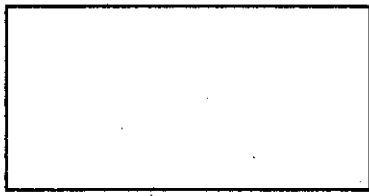
Surface Area: _____

Volume: _____

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SKETCH & FIND PERIMETER & AREA OF THE SCALE DRAWING.

9



8 ft

4 ft

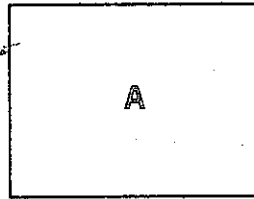
Scale factor: 0.25

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

FIND THE SCALE FACTOR.

10



A

9.6 ft

12.8 ft



B

4.8 ft

6.4 ft

Scale factor: _____