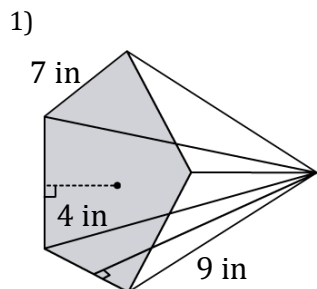


Surface area of a Pentagonal Pyramid

Name: _____

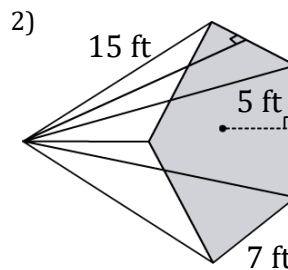
Date: _____

Find the surface area of a pentagonal pyramid? (a=apothem, b=breadth, s=slant height).



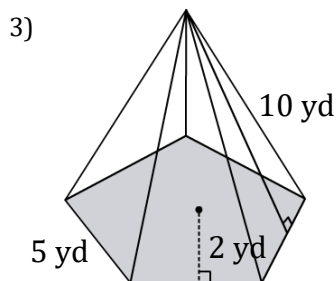
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{227.5 \text{ in}^2}$$



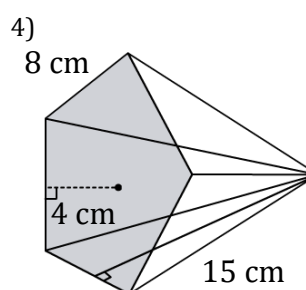
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{\hspace{2cm}}$$



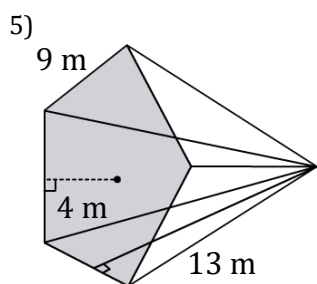
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{\hspace{2cm}}$$



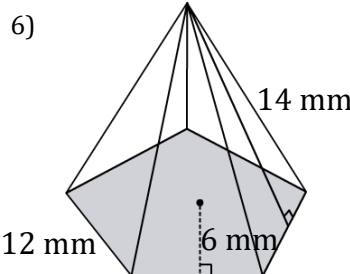
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{\hspace{2cm}}$$



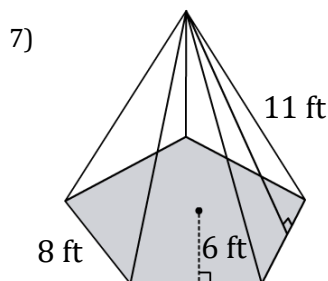
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{\hspace{2cm}}$$



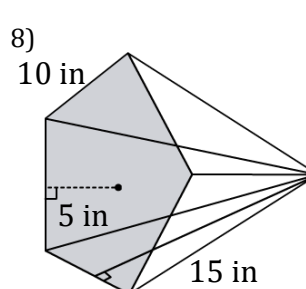
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{\hspace{2cm}}$$



$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{\hspace{2cm}}$$



$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

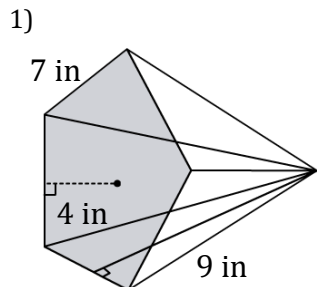
$$A = \underline{\hspace{2cm}}$$

Surface area of a Pentagonal Pyramid

Name: _____

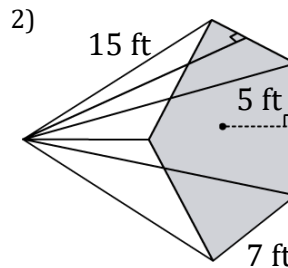
Date: _____

Find the surface area of a pentagonal pyramid? (a=apothem, b=breadth, s=slant height).



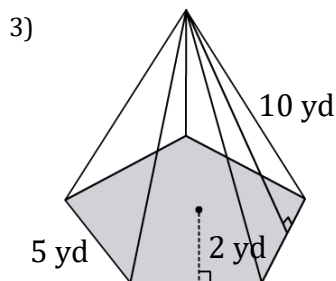
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{227.5 \text{ in}^2}$$



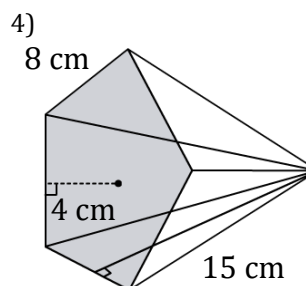
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{350 \text{ ft}^2}$$



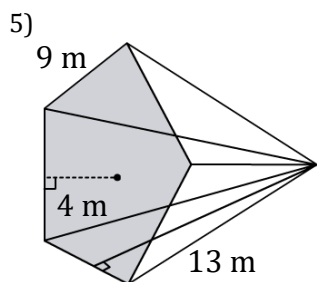
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{150 \text{ yd}^2}$$



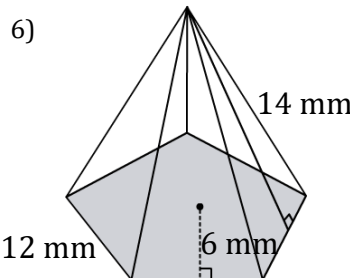
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{380 \text{ cm}^2}$$



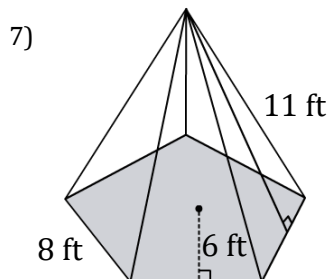
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{382.5 \text{ m}^2}$$



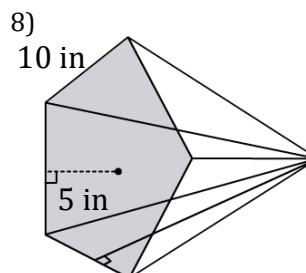
$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{600 \text{ mm}^2}$$



$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{340 \text{ ft}^2}$$



$$A = \frac{5}{2}ab + \frac{5}{2}bs$$

$$A = \underline{500 \text{ in}^2}$$