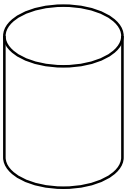
PRACTICE: LESSON 9.1 – **SURFACE AREA**: FIND **B**, **P**, and **h** Name: _____

Learning Goal: I can find the **Area of the Base**, the **Perimeter of the Base**, and the **height** for cylinders, rectangular prisms, and triangular prisms. **Meta de Aprendizaje**: *Puedo encontrar el **Área de la Base**, el **Perímetro de la Base**, y la **altura** de los cilindros, prismas rectangulares y prismas triangulares.*	**Language Goal:** I can discuss with a partner how to calculate the **Area of the Base**, **B**, the **Perimeter of the Base**, **P**, and the **height of a prism**, **h**, then write an explanation. **Lenguaje Objetivo**: *Puedo discutir con un compañero cómo calcular el **Área de la Base, B,** el **Perímetro de la Base, P,** y la **altura de un prisma, h,** luego escribir una explicación.*

DIRECTIONS: Use your notes and STAAR Chart and write the formula.



FORMULAS:

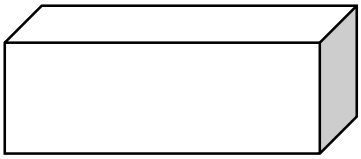
LATERAL S.A.:

_____

TOTAL S.A.:

_____

VOLUME: _____



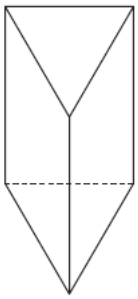
FORMULAS:

LATERAL S.A.:

_____

TOTAL S.A.:

_____



FORMULAS:

LATERAL S.A.:

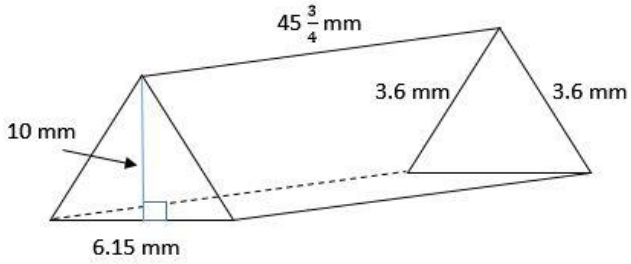
_____

TOTAL S.A.:

_____

DIRECTIONS: Use your notes and STAAR Chart to find the missing information.

1.

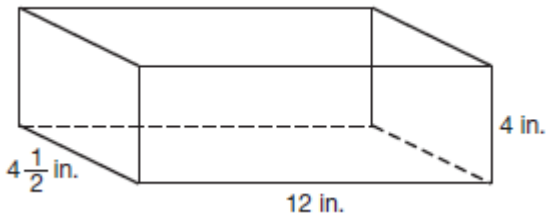


B = _____

P = _____

h = _____

2.

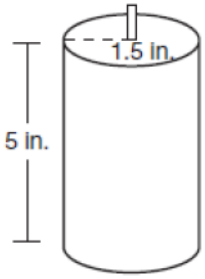


B = _____

P = _____

h = _____

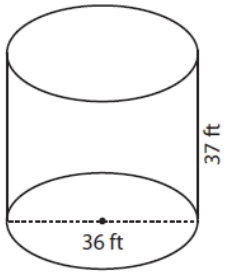
3.



r = _____

h = _____

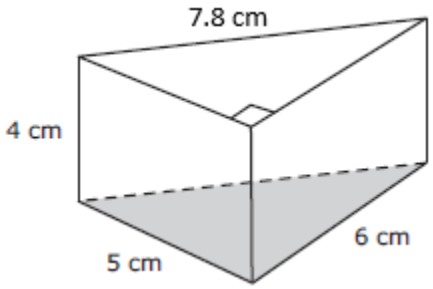
4.



r = _____

h = _____

5.

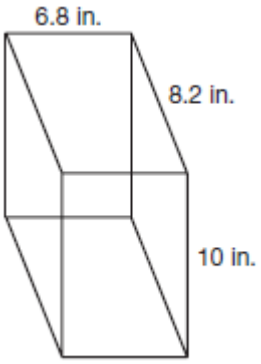


B = _____

P = _____

h = _____

6.

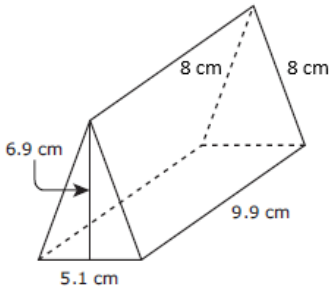


B = _____

P = _____

h = _____

7.

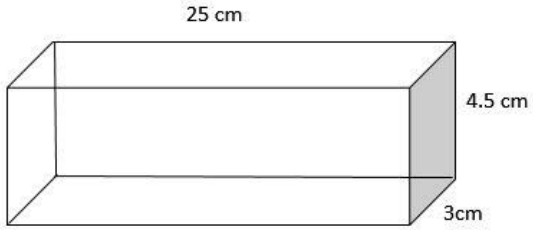


B = _____

P = _____

h = _____

8.

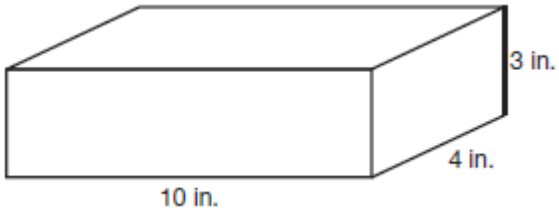


B = _____

P = _____

h = _____

9.

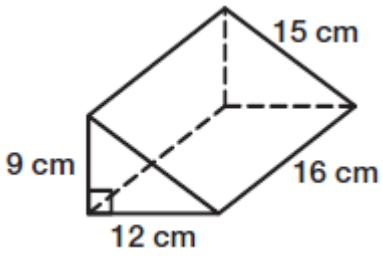


B = _____

P = _____

h = _____

10.

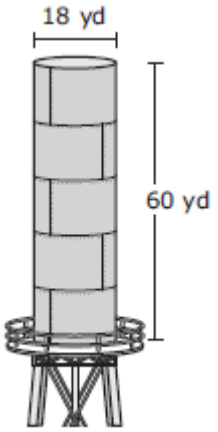


B = _____

P = _____

h = _____

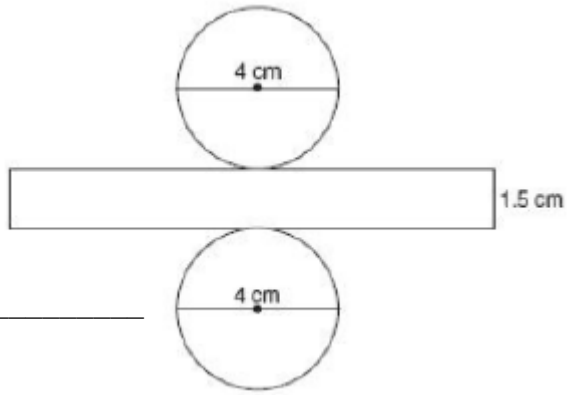
11.



r = _____

h = _____

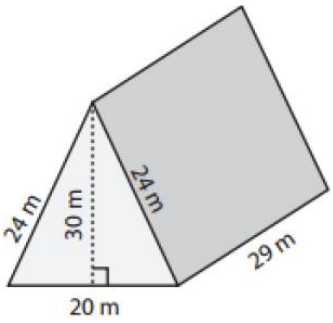
12.



r = _____

h = _____

13.

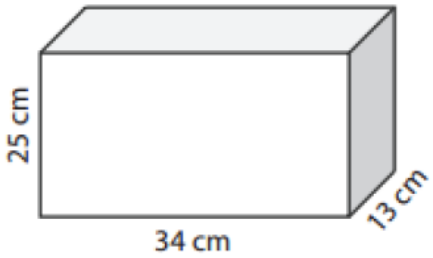


B = _____

P = _____

h = _____

14.

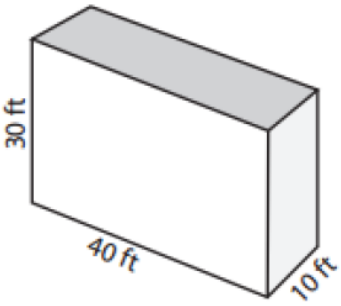


B = _____

P = _____

h = _____

15.

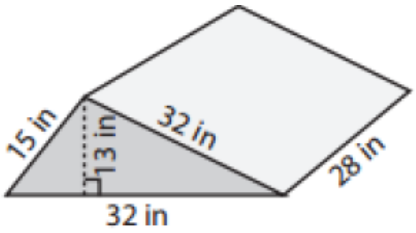


B = _____

P = _____

h = _____

16.

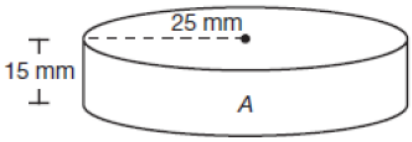


B = _____

P = _____

h = _____

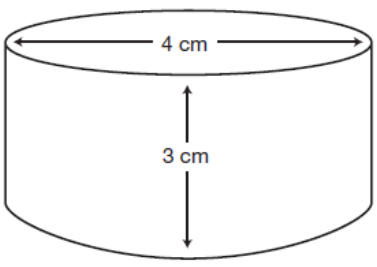
17.



r = _____

h = _____

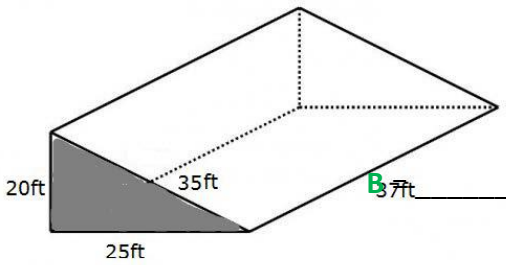
18.



r = _____

h = _____

19.

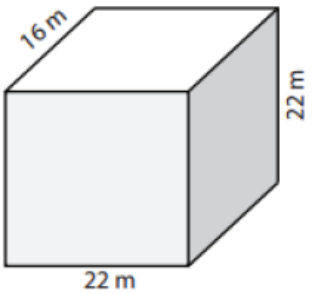


B = _____

P = _____

h = _____

20.

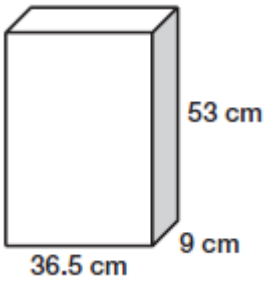


B = _____

P = _____

h = _____

21.

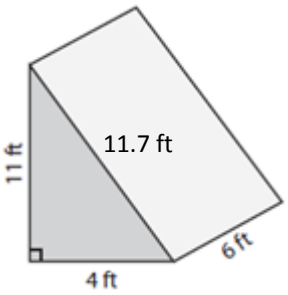


B = _____

P = _____

h = _____

22.



B = _____

P = _____

h = _____

23. How do you calculate **B, the Area of the Base,** for a **Triangular Prism**? _____

_____

_____

24. How do you calculate **P, the Perimeter of the Base,** for a **Rectangular Prism**? _____

_____

_____

25. How do you find **h, the height of the prism,** for a **Triangular Prism**? _____

_____

_____