T4-09 Number _____ Name _____ Period _____

Determine if the following situations are proportional. If so, write the equation of proportionality.

1) Julie wants to plant flowers in her garden. She plants 3 pink tulips for every 4 white tulips.

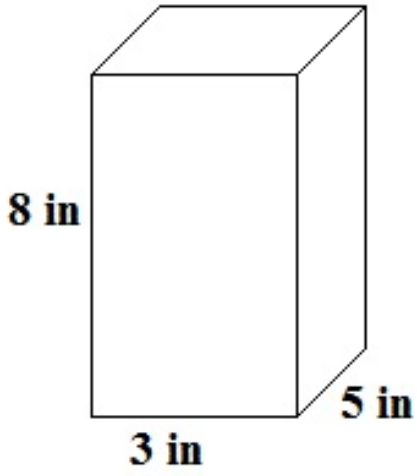
2) Leonard wants a new longboard. He already has $150 saved and earns $15 a week by doing chores around the house.

3) Bella is a gymnast. She can do 18 back handsprings every minute.

4) Miguel plays basketball. He makes 5 baskets for every 12 that he attempts.

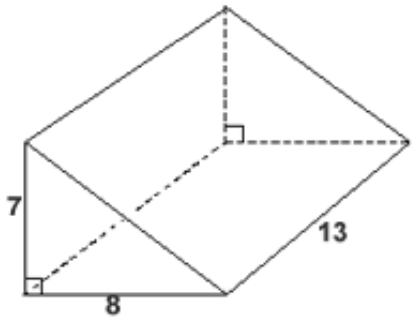
Find the surface area.

5)



$SA = 2B + Ph$
B = _____
P = _____
h = _____

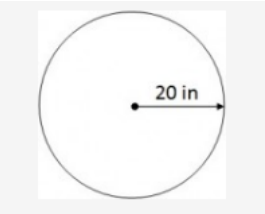
6)



$SA = 2B + Ph$
B = _____
P = _____
h = _____

Find the area and circumference for the following figures.

7)



Area=_____

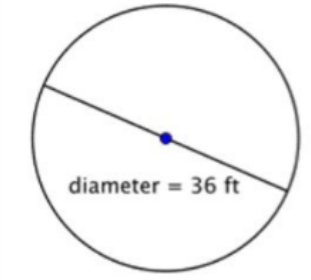
Circumference=_____

8)

Area=_____

Circumference=_____

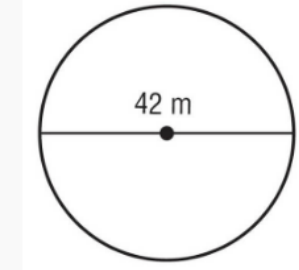
9)



Area=_____

Circumference=_____

10)



Area=_____

Circumference=_____