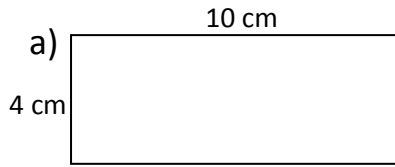## Area and Perimeter Challenges   Name: _____
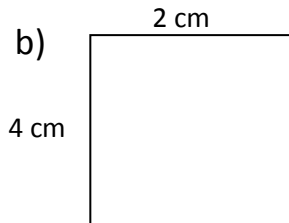
1. Find the area (A) and perimeter (P) of each of the following shapes:
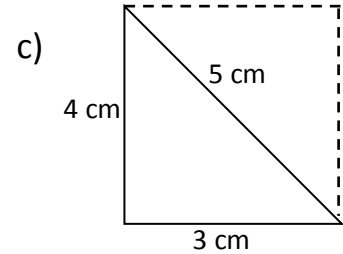*Remember a right-angle triangle will be HALF the area of the square.*
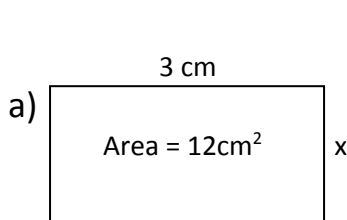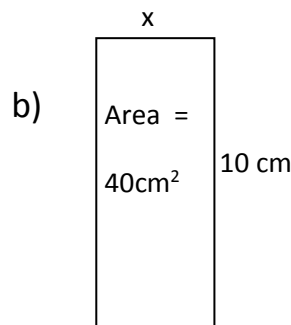
a)
10 cm

4 cm

A: _____

P: _____

b)
2 cm

4 cm

A: _____

P: _____

c)

5 cm

4 cm

3 cm

A: _____

P: _____

2. Find the missing length for each of these shapes:

a)
3 cm

Area = 12cm²   x

X = _____ cm

b)
x

Area =

40cm²   10 cm

X = _____ cm

c)
6 cm

Area = 30cm²   x
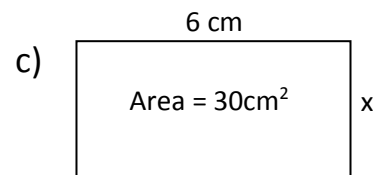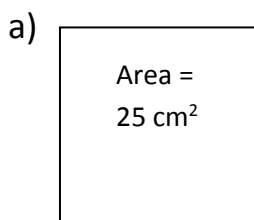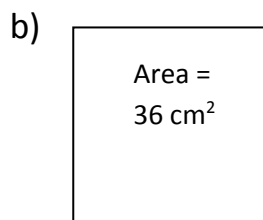
X = _____ cm

3. These are **squares (all sides same length)**. Work out the length of the sides and the perimeter (P):

a)
Area =
25 cm²

b)
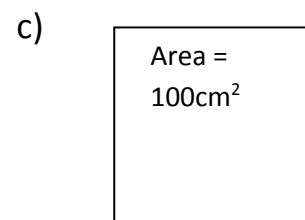Area =
36 cm²

c)
Area =
100cm²

Each side measures: _____

P = _____ cm

Each side measures: _____

P = _____ cm

Each side measures: _____

P = _____ cm