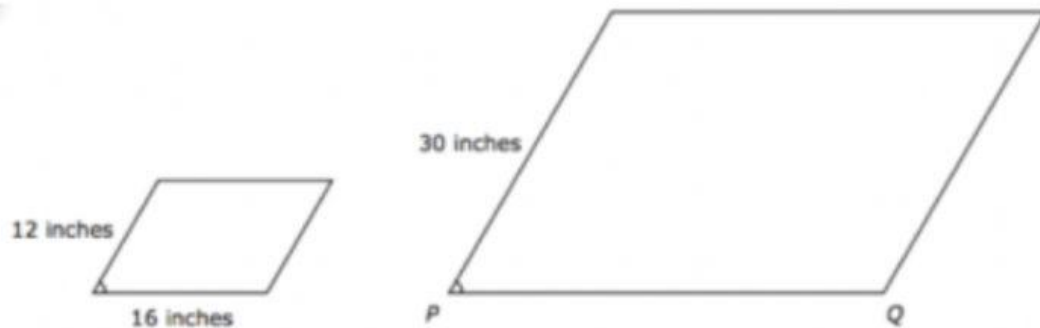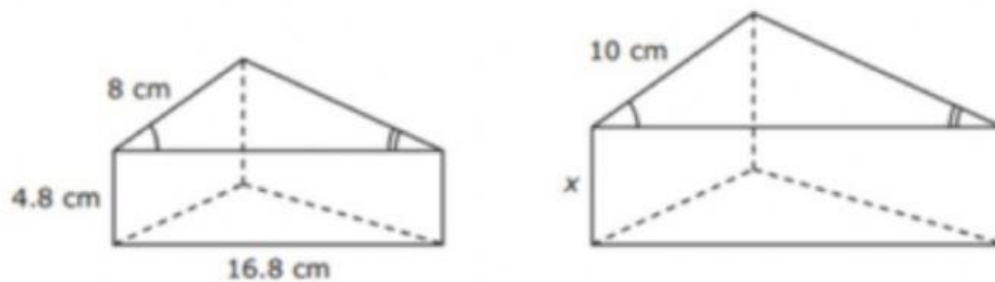1) The two parallelograms above are similar. What is the length in inches of line segment PQ?


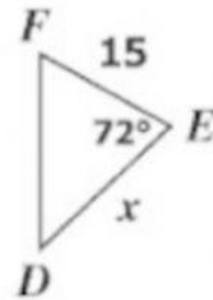
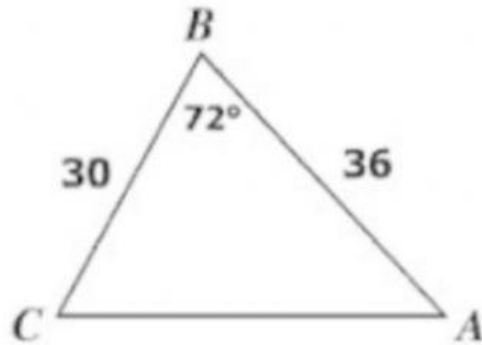30 inches

12 inches

16 inches

P                                    Q

2) The two triangular prisms shown above are similar. What is the value of x, the height of the larger prism?
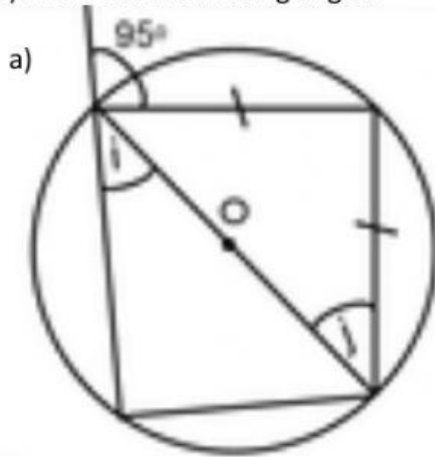


8 cm

4.8 cm

16.8 cm

10 cm

x

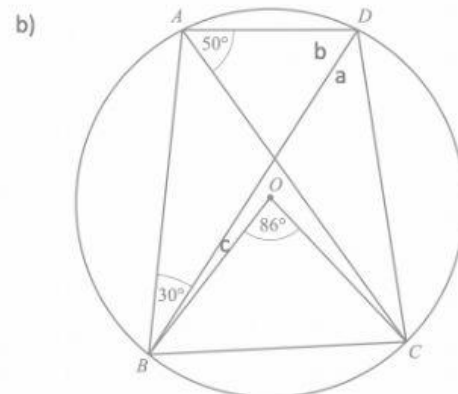3) Triangle ABC is similar to triangle XYZ.  What is the length of line segment BC?



X

8 cm          10 cm

Y                      Z

12 cm

A

6 cm

B          C
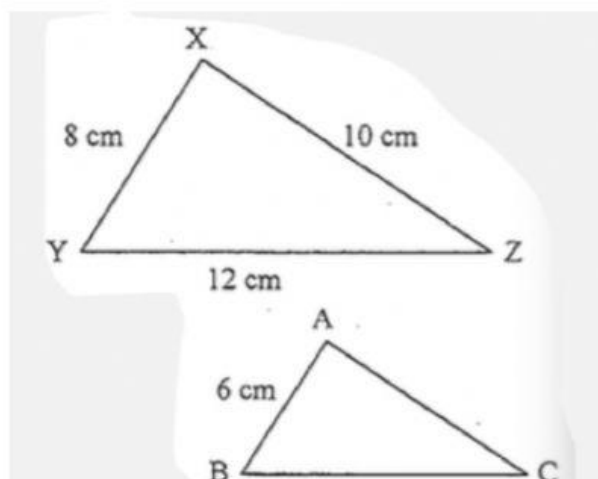
4) Find the value of x.



5) Work out the missing angles

a)



i =
j =

b)

NOT TO SCALE



w =
x =
y =

a)



x =
y =

b)



a =
b=
c =

**LIVEWORKSHEETS**