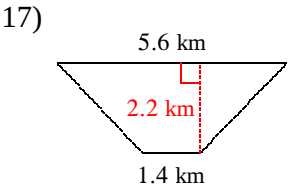
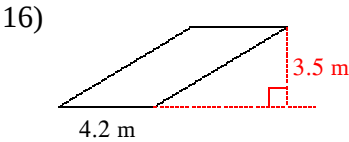


Practice for Q3Exam2

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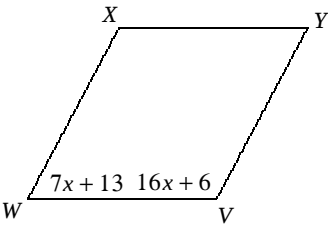
Date _____ Period _____

Find the area of each.

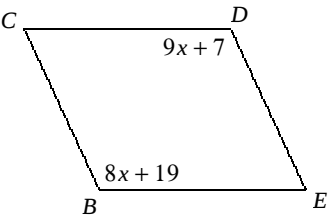


Find the measurement indicated in each parallelogram.

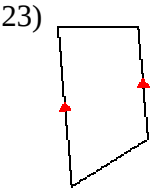
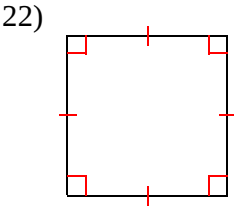
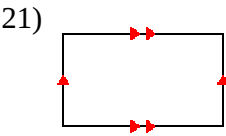
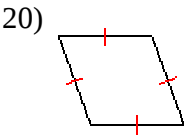
18) Find $m\angle V$



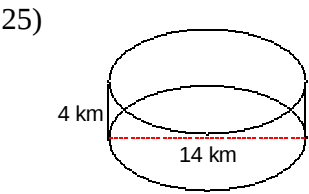
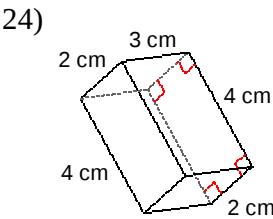
19) Find $m\angle D$



State all possible names for each figure.



Find the surface area of each figure. Round your answers to the nearest whole, if necessary.



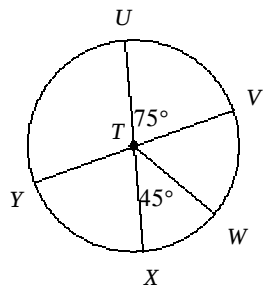
Find the circumference of each circle. Exact answer.

26) radius = 4 mi

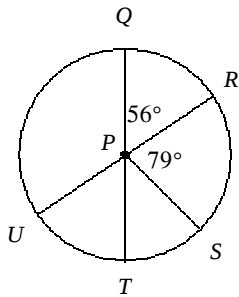
27) radius = 7 m

Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

28) $m\angle VTW$

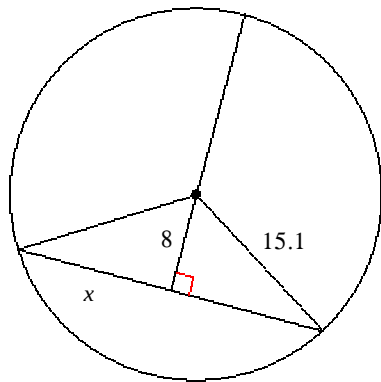


29) $m\angle SPU$

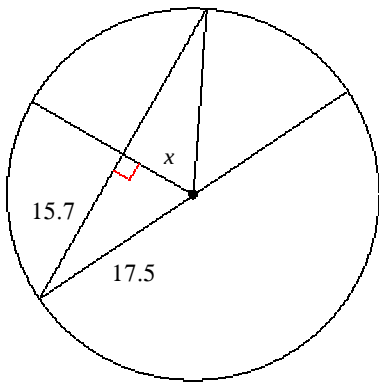


Find the length of the segment indicated. Round your answer to the nearest tenth if necessary.

30)



31)



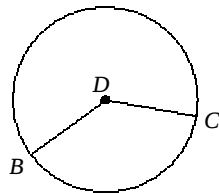
Find the length of each arc.

32) $r = 11\text{ m}, q = 90^\circ$

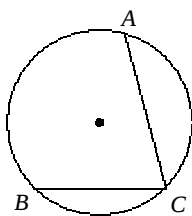
33) $r = 16\text{ m}, q = 300^\circ$

State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

34)

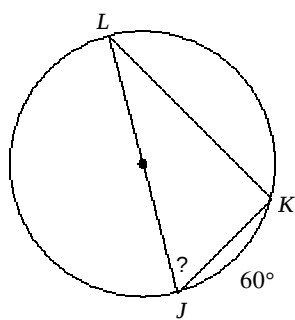


35)

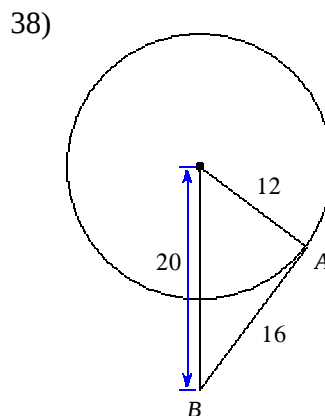
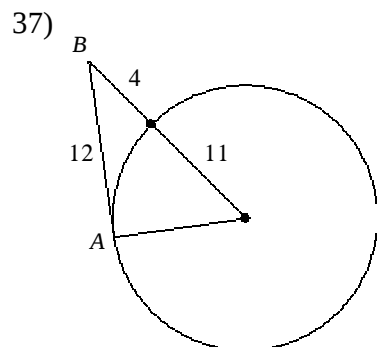


Find the measure of the arc or angle indicated.

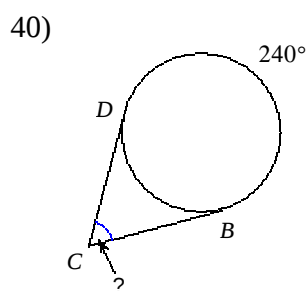
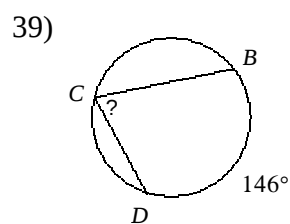
36)



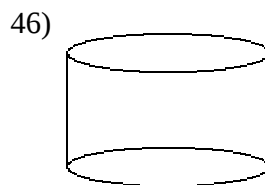
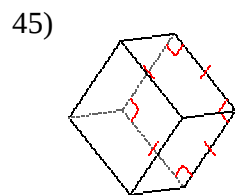
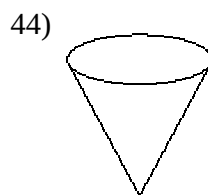
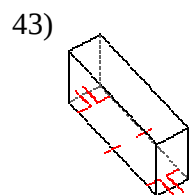
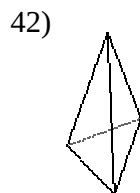
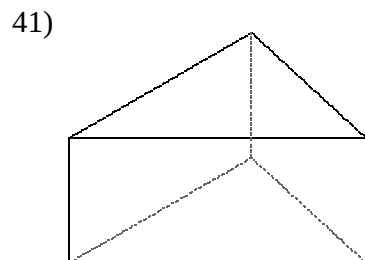
Determine if line AB is tangent to the circle.



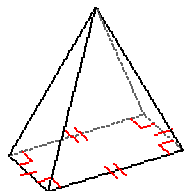
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.



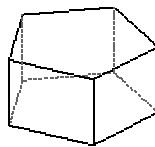
Name each figure.



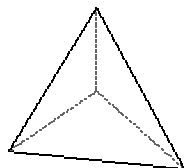
47)



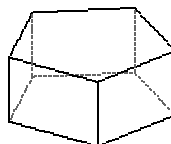
48)



49)

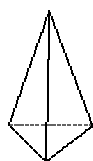


50)

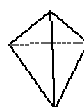


Sketch the net of each solid.

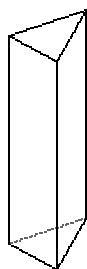
51)



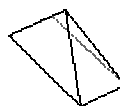
52)



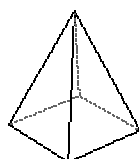
53)



54)

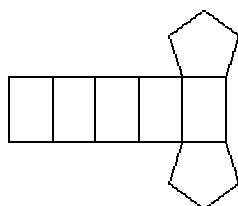


55)

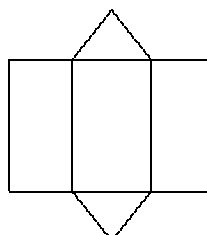


Identify each solid given its net.

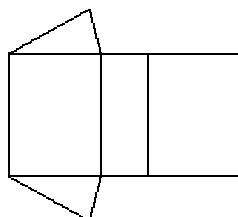
56)



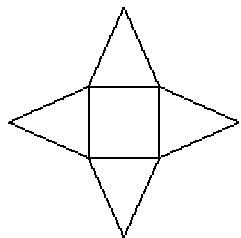
57)



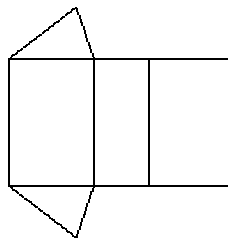
58)



59)

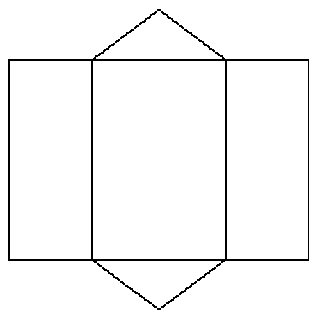


60)

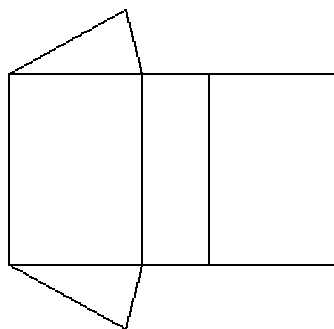


Sketch that solid that can be created from each net.

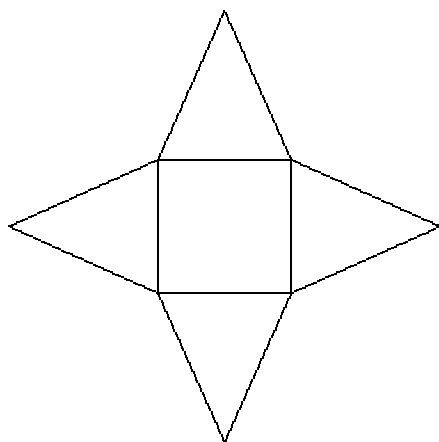
61)



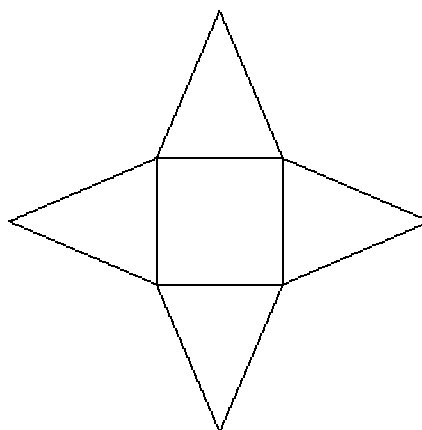
62)



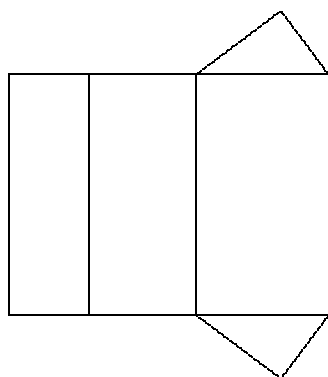
63)



64)

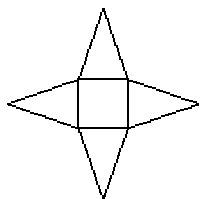
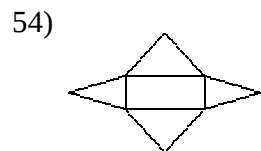
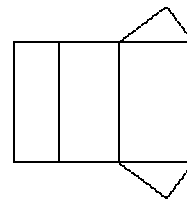
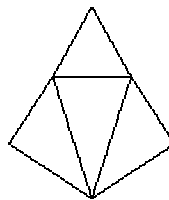
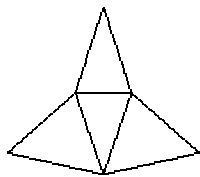


65)



Answers to Practice for Q3Exam2 (ID: 1)

- 16) 14.7 m^2 17) 7.7 km^2 18) 118° 19) 115°
 20) quadrilateral, parallelogram, rhombus 21) quadrilateral, parallelogram
 22) quadrilateral, parallelogram, rhombus, rectangle, square
 23) quadrilateral, trapezoid 24) 52 cm^2 25) $154\pi \text{ km}^2$
 26) $8\pi \text{ mi}$ 27) $14\pi \text{ m}$ 28) 60° 29) 101°
 30) 12.8 31) 7.7 32) $\frac{11\pi}{2} \text{ m}$ 33) $\frac{80\pi}{3} \text{ m}$
 34) No 35) Yes; $m\angle BCA, \widehat{BA}$ 36) 60° 37) Not tangent
 38) Tangent 39) 73° 40) 60° 41) triangular prism
 42) triangular pyramid 43) rectangular prism 44) cone 45) square prism
 46) cylinder 47) rectangular pyramid 48) pentagonal prism 49) triangular pyramid
 50) pentagonal prism 51) 52) 53)



56) pentagonal prism

57) triangular prism

58) triangular prism

59) square pyramid

60) triangular prism

