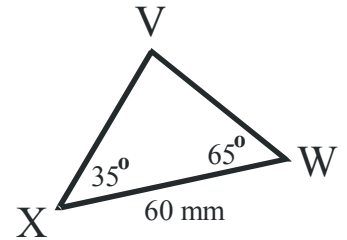


Worksheet 2015-8EL-00002(1)

- (1) (a) Draw line $MN = 8$ cm.
(b) Construct CN with $\widehat{MNC} = 90^\circ$.
(c) Construct $DC \parallel MN$ with $DC = 7$ cm.
- (2) (a) Draw line $BC = 10$ cm.
(b) Make a point anywhere about 5 cm above BC . Label the point as K .
(c) Construct KL with $KL \perp BC$ and with L a point on BC .

- (3) (a) Construct the following triangle, with dimensions as indicated:
(b) Measure the lengths of VX and VW .
(c) Measure $\angle X\hat{V}W$.
(d) What do you see regarding the sum of all three the interior angles of $\triangle VWX$?



- (4) (a) Construct a circle with radius 4 cm .
(b) Draw diameter AB , anywhere through midpoint O .
(c) Construct $\angle B\hat{A}C = 30^\circ$ with C a point on the circumference of the circle.
(d) Join C and B .
(e) Measure $\angle A\hat{C}B$. _____