



This worksheet has to be solved in class on the students' copybooks (and not at home)

Each question should be answered step-by-step (and don't forget the units).

Remember this is not enough, study also from the copybooks.

1- Find the areas of the following shapes. Round your answers.		
A) Triangle	B) Square	C) Rectangle
b = 6.5 ft h = 3.5 ft	s = 5.5 m	l = 8.2 in w = 4.3 in
D) Parallelogram	E) Trapezoid	F) Circle
b = 9.3 cm h = 4.5 cm	b ₁ = 7.3 dm b ₂ = 6.7 dm h = 4 dm	r = 2.5 yd

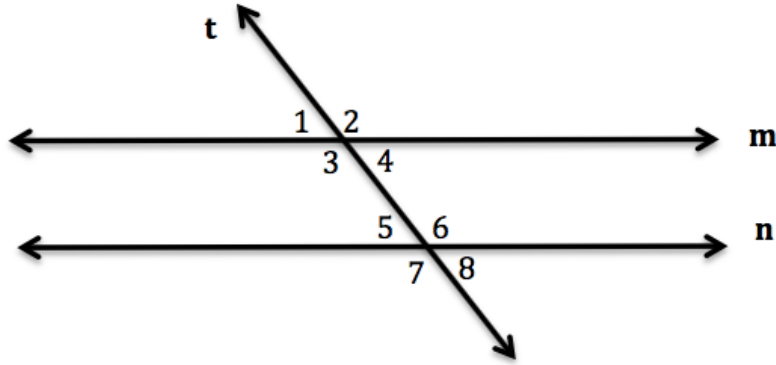
2- Find the value of x. Then find the unknown interior angles for each shape.	
A	B

3) Use the given information to find m∠2
a) ∠1 and ∠2 are complementary angles, and m∠1 = 67°
b) ∠1 and ∠2 are vertical angles, and m∠1 = 43°
c) ∠1 and ∠2 are supplementary angles, and m∠1 = 123°

4) Find x. Then find the missing angle. Explain	
A	B

5) Solve the following

In the diagram, lines m and n are parallel, and $m\angle 1 = 55^\circ$
Find the other angles in the diagram and explain.



6) Find the mean, median, mode, and range of the following sets

A	B
24, 12, 10, 15, 10, 22, 12	2, 3, 4, 2, 3, 4, 2, 3, 3, 5

7) Find the surface area of the following shapes. Round your answers.

A	B
C	D

8) Find the volume of the following shapes. Round your answers.

A	B
C	D