#25

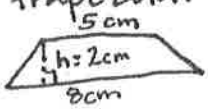
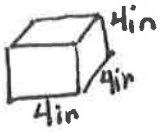
* Show work on seperate paper.
* NO calculators!

Name: _____

Rotation: _____

Homeroom: _____

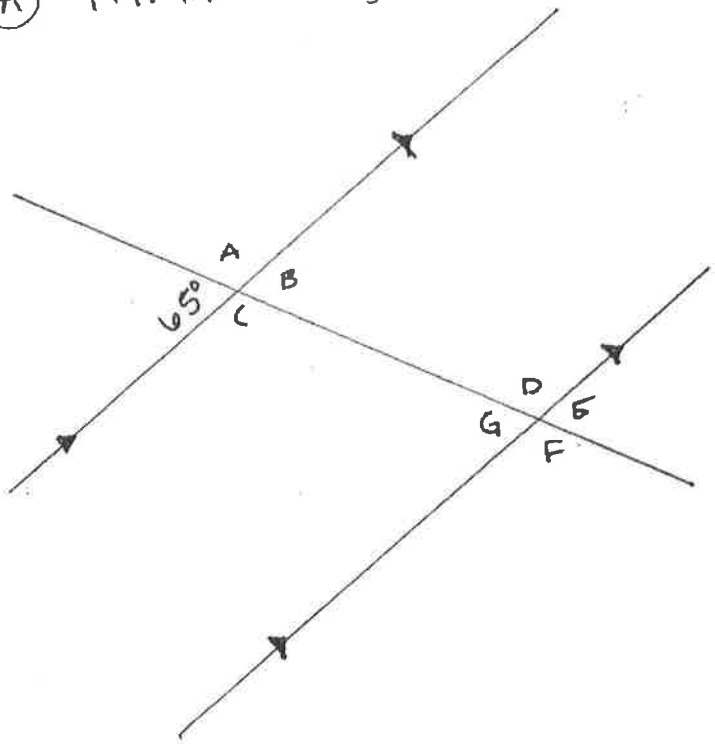
week # _____ of school

1) Calculate the area of the trapezoid:  A = _____	2) Write the area formula for a kite: A = _____	3) Convert 3 miles into _____ yards (Hint, look up how many yards = 1mile)	4) Calculate the LCM: GCF of 125 and 45 GCF= _____ LCM= _____	5) 4 is what percent of 10?
6) Find the sum of 14.05 and 1.2	7) What does the word "difference" mean?	8) Convert 14.3 mg = ? g Hint: KHDBdcm	9) Multiply (no calculator) 3.02 x 11.1	10) Find the sum: $1\frac{1}{9} + \frac{2}{3}$
11) Evaluate: 3x+7 if x=2	12) Write the formula we use for volume V= _____	13) Guess the rule for this table:	14) Calculate: $5\frac{1}{2} \div \frac{1}{4}$	15) Draw the net for this: 
16) Calculate: $1\frac{1}{3} \times \frac{2}{8}$	17) Calculate the surface area for #15.	18) What does the word "of" typically mean in math problems?	19) If your dad drove 300 miles in 5 hours, what was his average speed? (Hint: Average speed is a "UNIT RATE")	20) Calculate the Volume 
21) Use the formula D = rt to calculate the rate if you ran 100 m in 5 seconds.	22) What is the probability of randomly flipping an ACE in a regular deck of cards?	23) Use distributive property to write an equivalent expression: 2(x+7) = _____	24) Calculate the quotient: 14.5 ÷ 0.05	25) List the sample space for rolling 2 dice: (Hint: Sample space = All possible outcomes)

x	y
0	1
1	4
2	7
3	10

CHALLENGE QUESTIONS

(A) Fill in all angle measures:



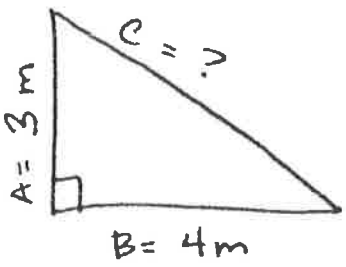
The line that crosses through two parallel lines is called the _____.

(B) In challenge problem A,

A and C are _____ angles.

A and D are _____ angles.

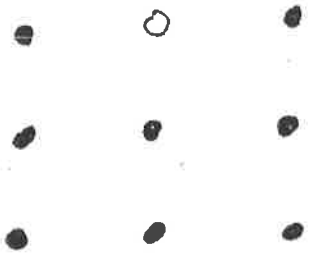
(C)



Use the pythagorean theorum to solve for C.

The longest leg of the triangle is called the _____.

(D)



Draw 1 line that crosses through all dots.

Start at the open dot (middle top row).

(Hint: do not pick up your pencil. You are allowed 3 "corners"...)