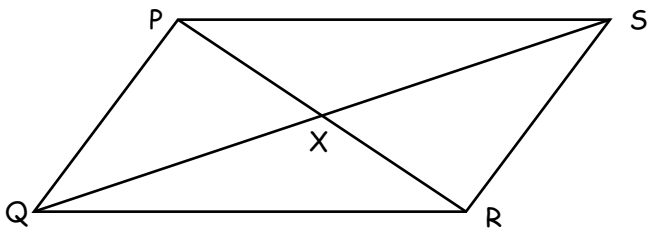
Geometry/Trig 2 Name _____

5-4 Class work Date _____ Block _____

I – Fill in the blank. Information does not carry over from problem to problem.

1. PQRS is a parallelogram.



a. If PQ = 5, then RS = _____ .

b. If PR = 20, then PX = _____.

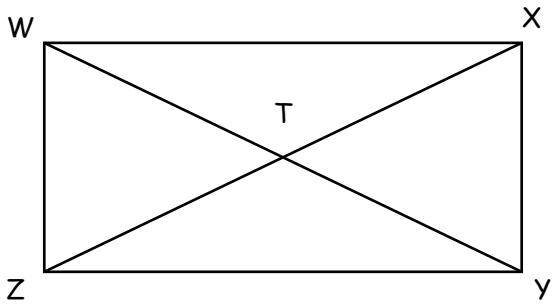
c. If m∠QPS= 125, then m∠SRQ = _____.

d. If m∠PQR= 72, then m∠QRS = _____.

e. If m∠QPX = 65, then m∠SRX = _____.

f. If m∠QPX = 80, and m∠QRX = 40, then m∠PSR = _____.

2. WXYZ is a rectangle.



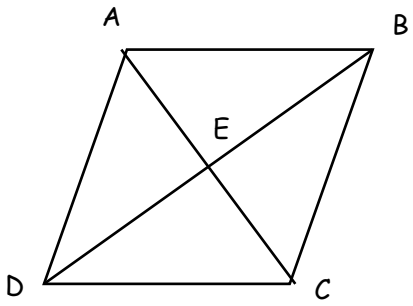
a. If TX = 4.5, then WY = _____.

b. m∠WZY = _____.

c. If m∠TWZ = 70, then m∠TZW = _____ and m∠WTZ = _____ .

d. If WY = 3x + 16 and ZX = 5x – 18, then x = _____.

3. ABCD is a rhombus.



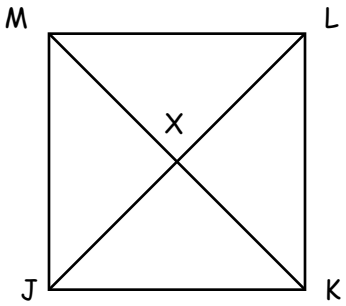
a. m∠AEB = _____.

b. If AD = 13, then AB = _____.

c. If m∠DAB = 130, then m∠ABE = _____.

d. If m∠ADE = 25, then m∠CDE = _____.

4. MLKJ is a square.



a. m∠JMK = _____.

b. m∠LXK = _____.

c. If JL = 18, then MK = _____ , JX = _____ , and XK = _____.