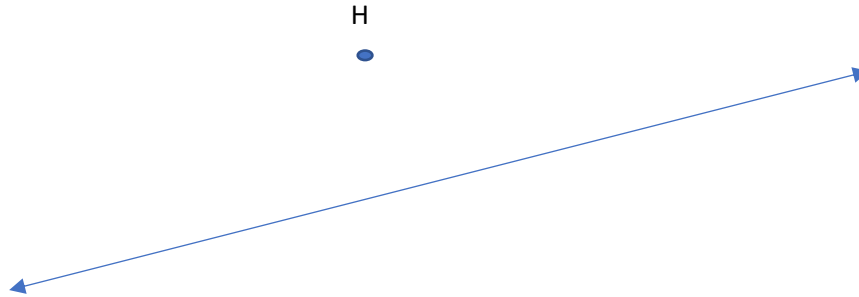


Section 3.5 worksheet

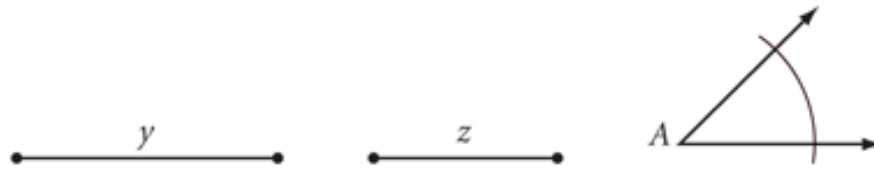
Name: _____

In exercises 1 - 5, using only a compass and straightedge, construct the following.

1. Construct a line parallel to the line below through point H using whatever method you would like.



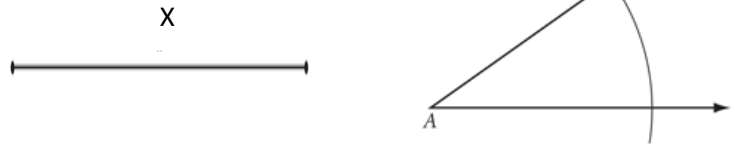
2. Construct a parallelogram with two consecutive sides y and z and $\angle A$ as one of the acute angles of the parallelogram.



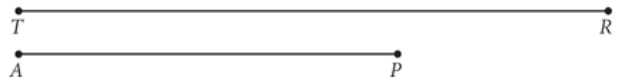
Section 3.5 worksheet

Name: _____

3. Construct a rhombus with x as the length of each side and $\angle A$ as one of the acute angles



4. Construct trapezoid TRAP with \overline{TR} and \overline{AP} as the two parallel sides and with AP as the distance between them (there are many solutions).



5. Calculate the measure of each lettered angles.

- a = _____ g = _____ n = _____
- b = _____ h = _____ p = _____
- c = _____ j = _____ q = _____
- d = _____ k = _____ r = _____
- e = _____ l = _____
- f = _____ m = _____

