

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

## Constructions Review

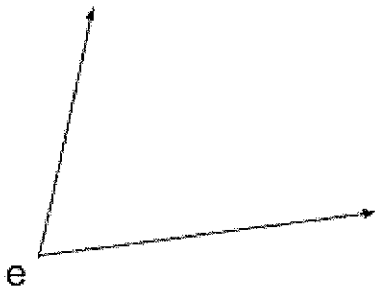
Do Now:

1. Construct an isosceles triangle with base length  $x$  and legs length  $y$ .

$x$   
\_\_\_\_\_

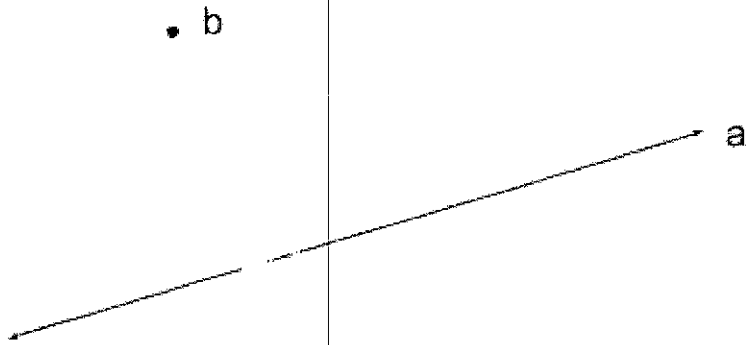
$y$   
\_\_\_\_\_

2. Construct an angle congruent to angle  $e$

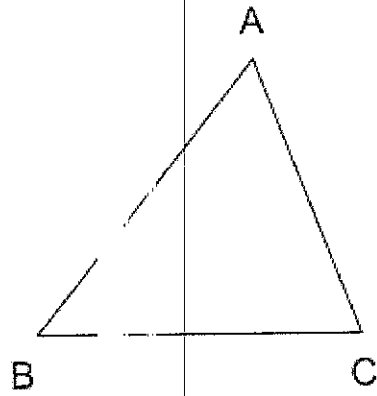


Classwork:

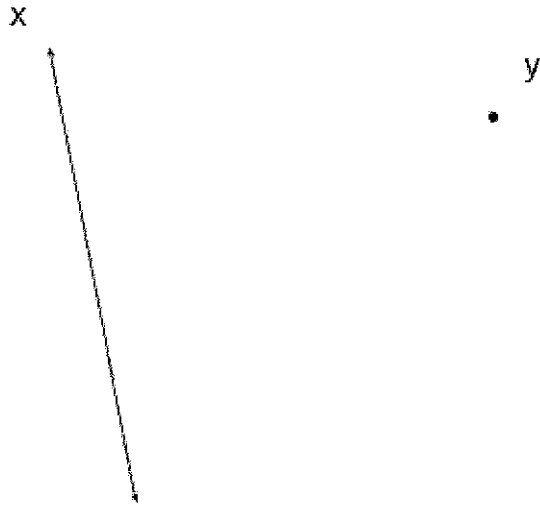
3. Construct a line parallel to line a through point b.



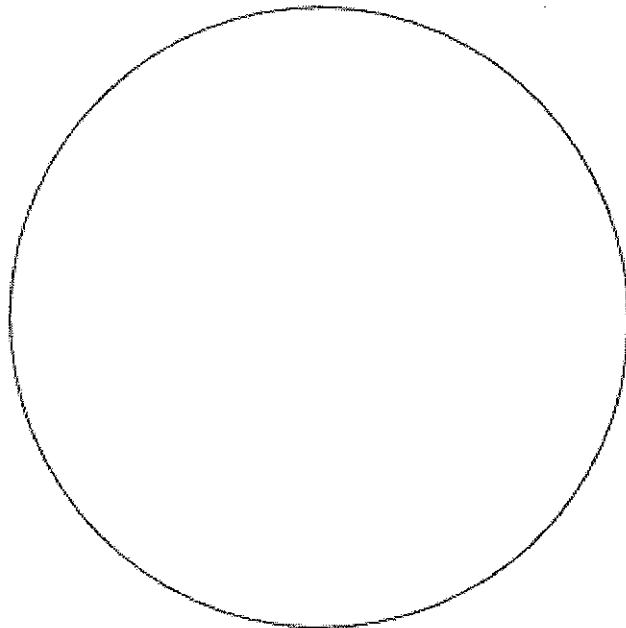
4. Construct the altitude of triangle ABC to base BC



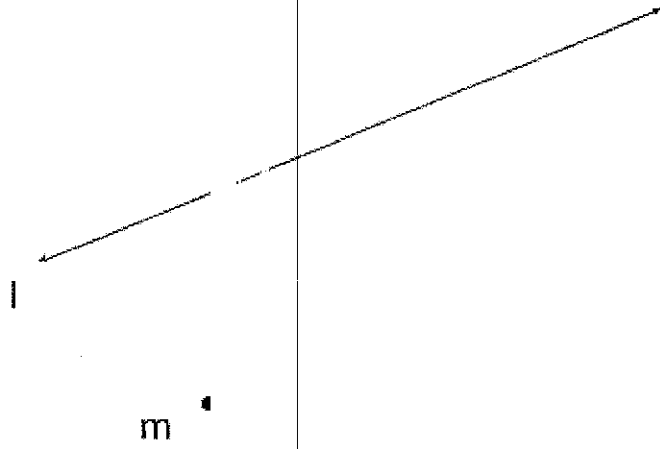
5. Construct a line parallel to line  $x$  through point  $y$ .



6. Construct an equilateral triangle inscribed in a circle.



7. Construct a line parallel to line  $l$  through point  $m$ .



**Steps for constructing parallel lines:**