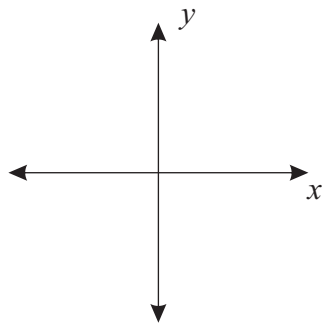


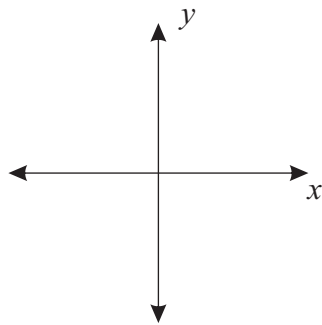
Name: _____

1. Find the x -intercept and y -intercept of the straight lines with the following equations and sketch the straight line on the axes shown clearly showing the intercept points.

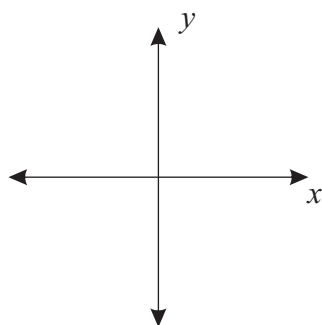
(a) $x + 3y = 9$



(b) $3x - 4y = 24$



(c) $y = 5x - 15$



2. Transpose the following equations to make y the subject and hence find the gradient and y -intercept.

(a) $9x + 3y = 12$

$y =$

gradient

y -intercept

(b) $8x + 2y + 7 = 0$

$y =$

gradient

y -intercept

(c) $7y - 6x + 4 = 0$

$y =$

gradient

y -intercept