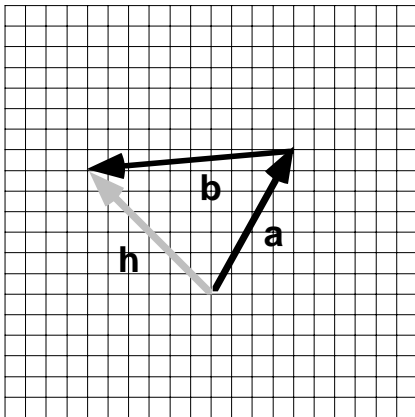


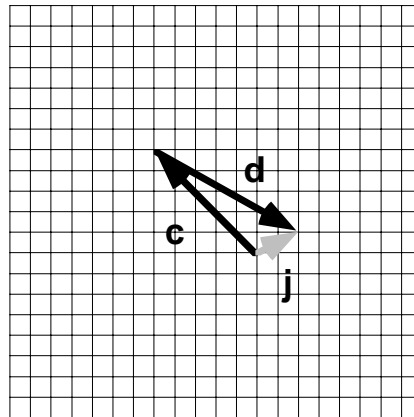
The vectors shown above are displacement vectors laid out on 1m x 1m squares. In the graphing spaces below, carry out “head to tail” vector addition or subtraction for the vectors specified. Below the graphing space, indicate the resultant vector

$h = a + b$



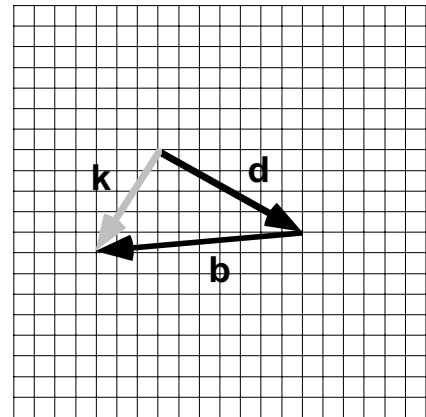
$h = (-1m, 4m)$

$j = c + d$



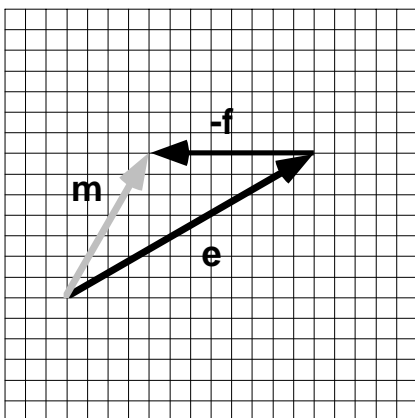
$j = (-2m, -3m)$

$k = d + b$



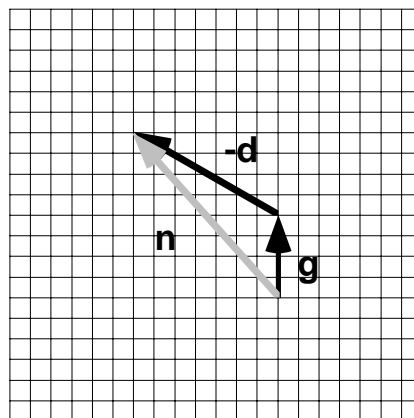
$k = (-4m, 0m)$

$m = e - f$



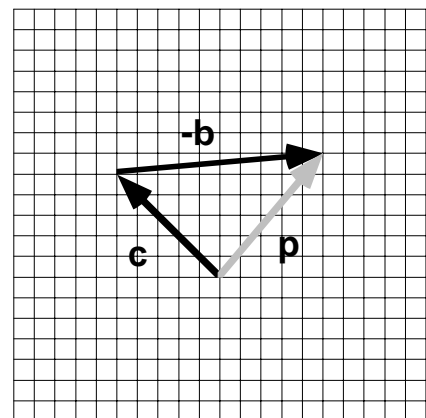
$m = (1m, 2m)$

$n = g - d$



$n = (1m, 3m)$

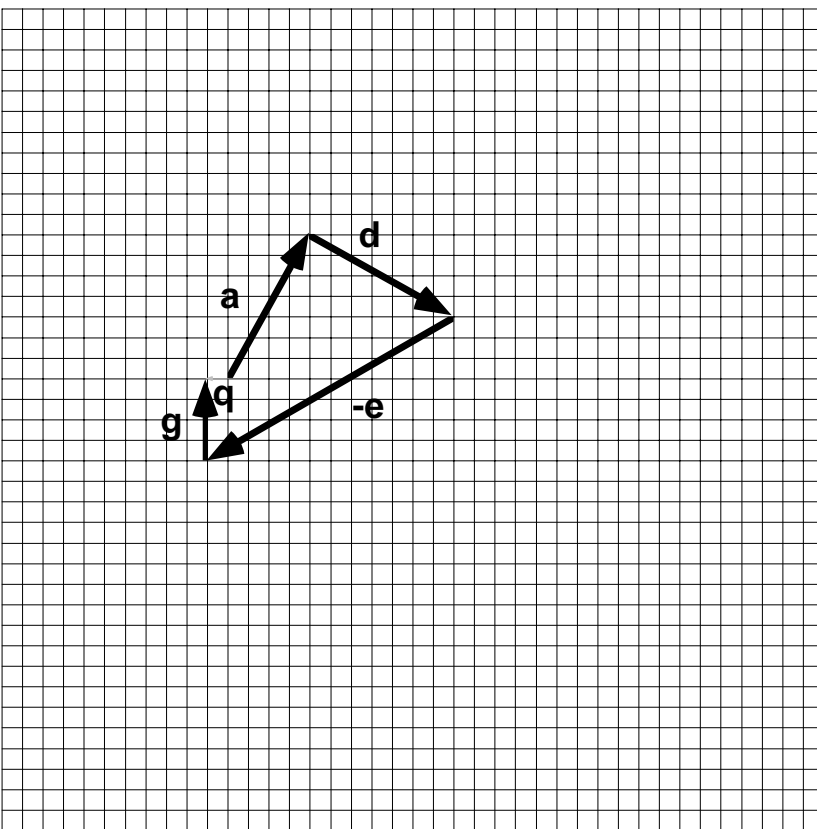
$p = c - b$



$p = (2m, -3m)$

$$\mathbf{q} = \mathbf{a} + \mathbf{d} - \mathbf{e} + \mathbf{g}$$

$$\mathbf{q} = (-1\text{m}, 0\text{m})$$



$$\mathbf{r} = \mathbf{f} + \mathbf{c} - \mathbf{b} - \mathbf{d}$$

$$\mathbf{r} = (6\text{m}, 10\text{m})$$

