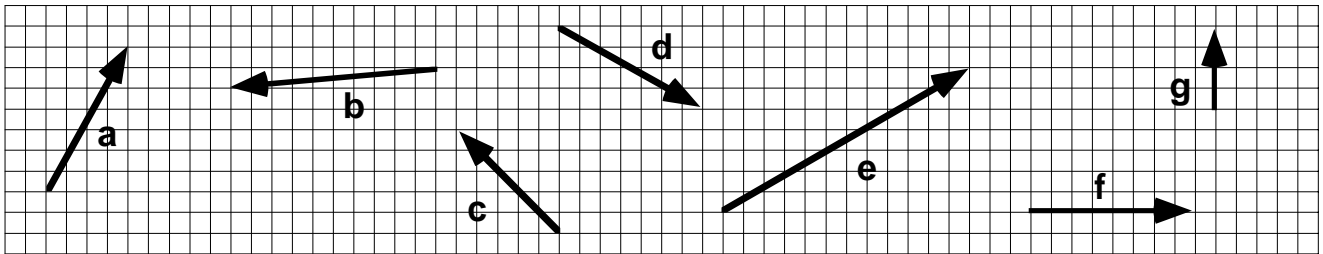


PhyzJob: Graphic Vector Addition

Parental discretion is advised

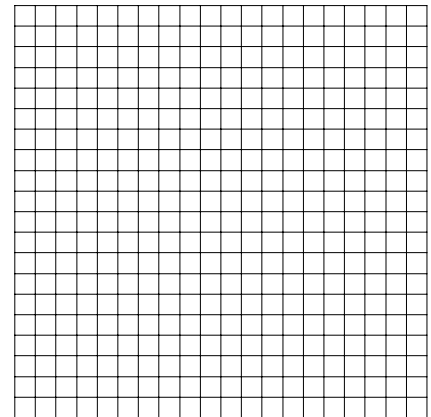
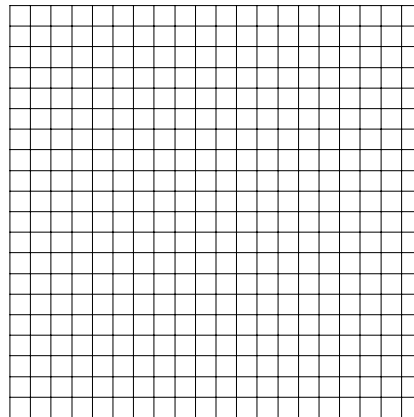
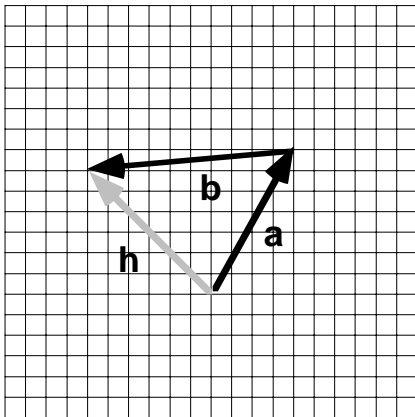


The vectors shown above are displacement vectors laid out on 1m x 1m squares. In the graphing spaces below, carry out “head to tail” vector addition or subtraction for the vectors specified. Below the graphing space, indicate the resultant vector

$$h = a + b$$

$$j = c + d$$

$$k = d + b$$



$$h = (-2m, 4m)$$

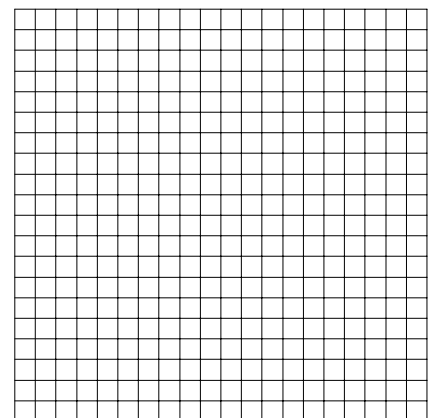
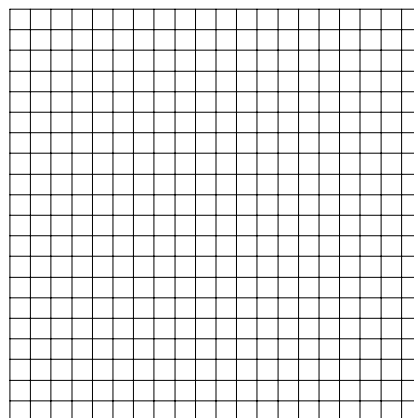
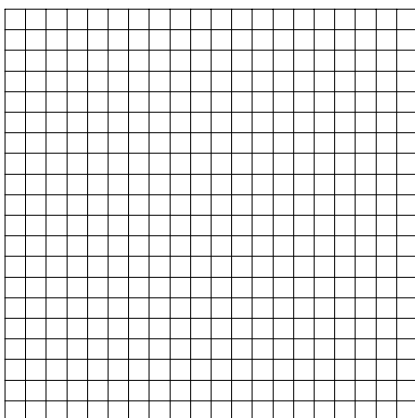
$$j =$$

$$k =$$

$$m = e - f$$

$$n = g - d$$

$$p = c - b$$



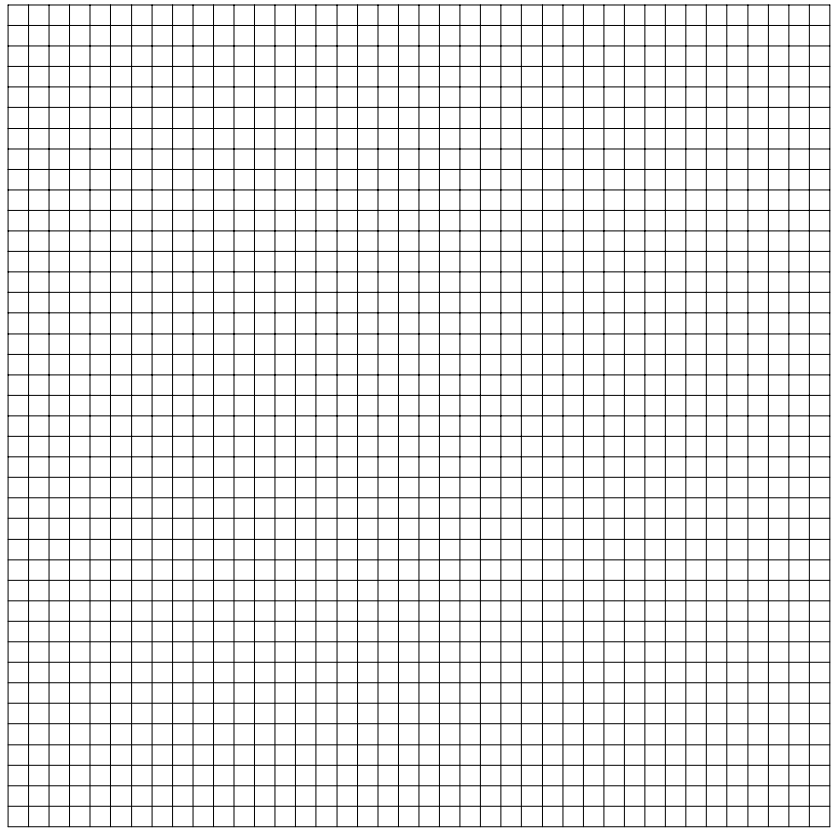
$$m =$$

$$n =$$

$$p =$$

$$q = a + d - e + g$$

$$q =$$



$$r = f + c - b - d$$

$$r =$$

