29. One approach is to assume a "path" from $\vec{r_i}$ to $\vec{r_f}$ and do the line-integral accordingly. Another approach is to simply use Eq. 7-36, which we demonstrate:

$$W = \int_{x_i}^{x_f} F_x \, dx + \int_{y_i}^{y_f} F_y \, dy$$
$$= \int_{2}^{-4} (2x) \, dx + \int_{3}^{-3} (3) \, dy$$

with SI units understood. Thus, we obtain W = 12 - 18 = -6 J.