Short Answer Questions

No justification is needed for this section. Please only put your **final answers** in the boxes or on the lines.

1. Sabrina went camping during the June exam period. The following is the contour diagram of $f(x, y)$, the temperature, in $^\circ C$, x kilometers east and y kilometers north of her campground. For each of the following questions, assume the temperature at each location did not change over time.

