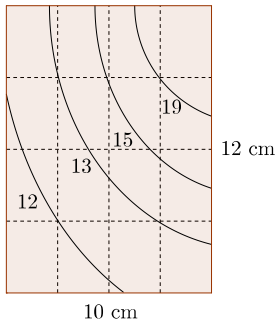


Double Integrals over Rectangles



Question

The contours of temperature (in $^{\circ}\text{C}$) for a $12\text{cm} \times 10\text{cm}$ rectangular plate are shown at right. Which of these is the best estimate for the average temperature across the plate?



- A. 19°C
- B. 15.5°C
- C. 14.2°C
- D. 12°C