

STEP 3 Scroll through the table to find all the times *x* at which the water depth *y* is 7 feet. On the interval $0 \le x \le 24$ (which represents one full day), you can see that the function equals 7 when *x* is 0 and 12.4.



The water depth is 7 feet when x = 0 (that is, at midnight) and when x = 12.4 (that is, at 12:24 P.M.).