

# Sample Worksheet

## ANGLES AND ROTATIONS

**FOR 11 YEAR OLDS**

MAKE THE SCRIPT

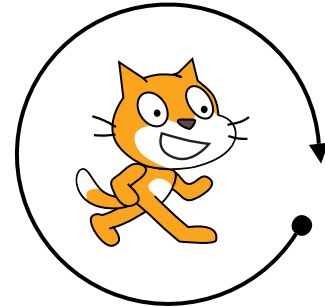
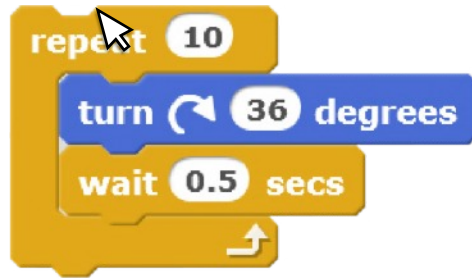
①

INPUT THE VALUES

②

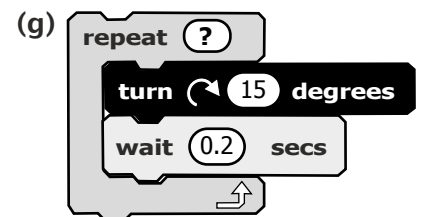
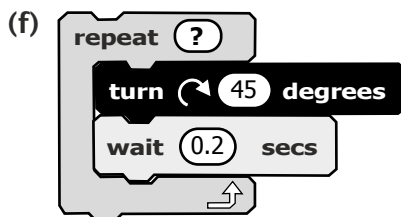
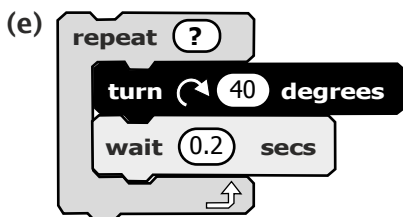
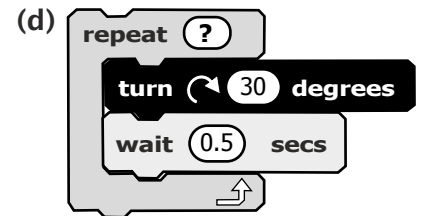
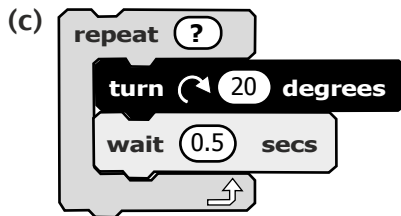
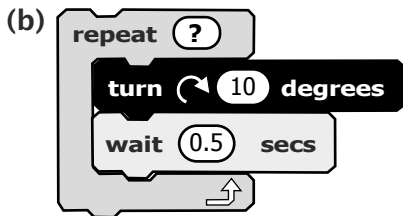
CLICK

③

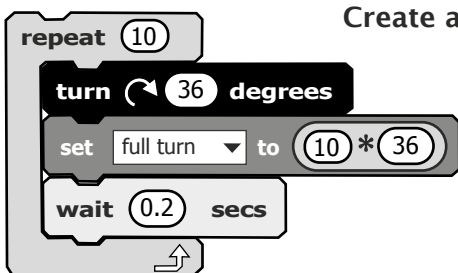
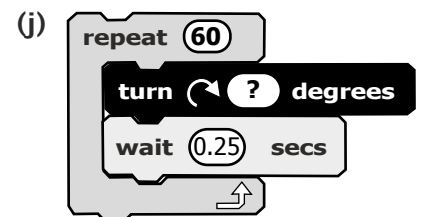
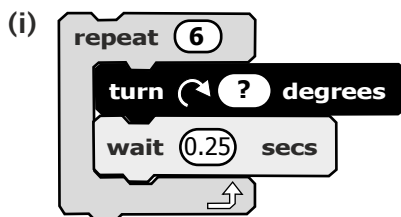
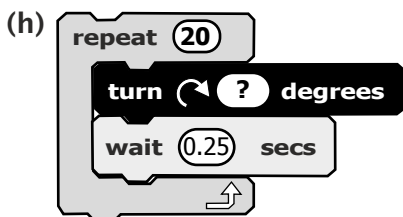


$36 \times 10 = 360^\circ$  and  $0.5 \times 10 = 5 \text{ secs}$

1. How many iterations to make the sprite complete 360°? How many seconds will it take?



2. How many degrees in the number of iterations, to turn 360°? How many seconds in all?



Create a variable and make the computer do the multiplication.

