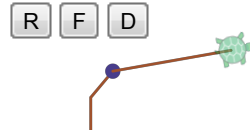


## 9. Input

### Button Control

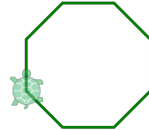
```
pen sienna
button 'R', -> rt 10
button 'F', -> fd 10
button 'D', -> dot 'darkslateblue'
```



### Polygon to Order

```
await read "Color?", defer color
await read "Sides?", defer sides
pen color
for x in [1..sides]
  fd 30
  rt 360 / sides
```

Color? green  
Sides? 8



### Guess My Number

```
secret = random [1..100]
turns = 5
write "Guess my number."
while turns > 0
  await readnum defer pick
  if pick is secret
    write "You got it!"
    break
  if 1 <= pick < secret
    write "Too small! "
    turns = turns - 1
  else if secret < pick <= 100
    write "Too big! "
    turns = turns - 1
  if turns > 1
    write "#{turns} left."
  else if turns is 1
    write "Last guess!"
  else
    write "Game over."
    write "It was #{secret}."
    break
```

Guess my number.

⇒ 50

Too small!

4 left.

⇒ 75

Too big!

3 left.

⇒ 64

Too big!

2 left.

⇒ 55

Too small!

Last guess!

⇒ 59

You got it!

### Polygon Revisited

```
read "Color?", (color) ->
read "Sides?", (sides) ->
pen color
for x in [1..sides]
  fd 30
  rt 360 / sides
```

Color? red  
Sides? 8

