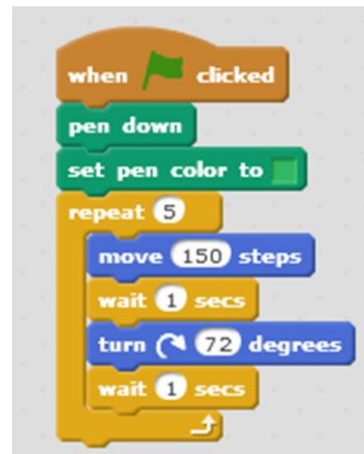## Card One

```
when [flag] clicked
pen down
set pen color to [blue]
repeat 3
    move 250 steps
    wait 1 secs
    turn ↻ 120 degrees
    wait 1 secs
```
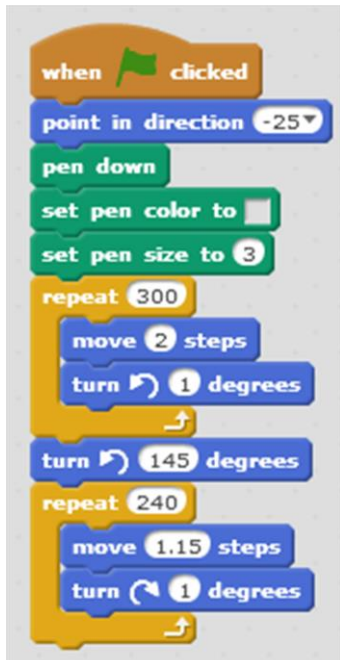
*

Card Two

```
when [flag] clicked
pen down
set pen color to [green]
repeat 5
    move 150 steps
    wait 1 secs
    turn ↻ 72 degrees
    wait 1 secs
```

**

Card Three

```
when [flag] clicked
point in direction -25
pen down
set pen color to [white]
set pen size to 3
repeat 300
    move 2 steps
    turn ↺ 1 degrees
turn ↺ 145 degrees
repeat 240
    move 1.15 steps
    turn ↻ 1 degrees
```

***

Card Four

```
when [flag] clicked
point in direction -27
pen down
set pen color to [pink]
repeat 240
    move 1 steps
    turn ↺ 1 degrees
repeat 240
    move 1 steps
    turn ↻ 1 degrees
```

****

nzmaths.

Card Five

```
when [flag] clicked
point in direction (45▾)
pen down
set pen color to [ ]
set pen size to (5)
move (200) steps
wait (1) secs
turn ↻ (180) degrees
wait (1) secs
move (100) steps
wait (1) secs
turn ↻ (90) degrees
wait (1) secs
move (100) steps
wait (1) secs
turn ↻ (180) degrees
wait (1) secs
move (200) steps
wait (1) secs
turn ↻ (180) degrees
```

**

Card Six

```
define hexagon
repeat (6)
    wait (1) secs
    move (50) steps
    wait (1) secs
    turn ↻ (60) degrees
    wait (1) secs

when [flag] clicked
point in direction (90▾)
pen down
set pen color to [ ]
repeat (3)
    turn ↻ (120) degrees
    hexagon
```

***

Card Seven

```
define 4 gon
repeat (4)
    move (150) steps
    wait (1) secs
    turn ↻ (90) degrees
    wait (1) secs

define 3 gon
repeat (3)
    move (150) steps
    wait (1) secs
    turn ↺ (120) degrees
    wait (1) secs

when [flag] clicked
point in direction (90▾)
pen down
set pen color to [ ]
4 gon
3 gon
```

***

Card Eight

```
when [flag] clicked
if on edge, bounce
point in direction (0▾)
go to x: (0) y: (0)
pen down
set pen color to [ ]
set angle ▾ to (0)
forever
    set pen color to (pick random (1) to (5000))
    set pen size to (pick random (1) to (10))
    set angle ▾ to (pick random (1) to (359))
    turn ↻ (angle) degrees
    move (pick random (1) to (100)) steps
```

****

nzmaths.

Card Nine

```
define round
repeat 360
    move 2 steps
    turn ↻ 1 degrees

when ⚑ clicked
pen down
set pen color to ▣
round
```

*

Card Ten

```
define 3/4 c
repeat 270
    move 1 steps
    turn ↻ 1 degrees

when ⚑ clicked
point in direction 0▾
pen down
set pen color to ▣
set pen size to 3
3/4 c
turn ↺ 90 degrees
move 100 steps
pen up
move 30 steps
pen down
change pen size by 10
move 5 steps
pen up
move 20 steps
```

***

Card Eleven

```
define Clockwise
repeat 360
    move 1 steps
    turn ↻ 1 degrees

define anti clockwise
repeat 360
    move 1 steps
    turn ↺ 1 degrees

when ⚑ clicked
point in direction 0▾
go to x: 0 y: 0
pen down
set pen color to ▣
set pen size to 10
repeat 5
    change pen color by 50
    Clockwise
    change pen color by 50
    anti clockwise
```

***

Card Twelve

```
define four
set Step▾ to pick random 20 to 100
repeat 4
    move Step steps
    turn ↺ 90 degrees
    wait 1 secs

when ⚑ clicked
set pen color to ▣
set pen size to 3
go to x: 0 y: 0
repeat 100
    change pen color by pick random 1 to 50
    go to x: pick random -80 to 80 y: pick random -80 to 80
    pen down
    point in direction 90▾
    four
    pen up
```

****

nzmaths.