

# Answers

## Part 2:

2. The code will look like this:



```
when clicked
  delete all of mypattern
  set number to 9
  repeat 10
    say number for 1 seconds
    add number to mypattern
    change number by 3
```

3. The patterns in parts d and e are decreasing (shrinking) patterns while those in parts a, b, and c are increasing (growing) patterns.

a)



```
when clicked
  delete all of mypattern
  set number to 0
  repeat 3
    say number for 1 seconds
    add number to mypattern
    change number by 4
```

b)



```
when clicked
  delete all of mypattern
  set number to 10
  repeat 7
    say number for 1 seconds
    add number to mypattern
    change number by 2
```

**Algebra**  
**Unit 3 Line Master 1h**

# Answers (cont'd)

c)

```
when clicked
  delete all of mypattern
  set number to 100
  repeat 5
    say number for 1 seconds
    add number to mypattern
    change number by 100
```

d)

```
when clicked
  delete all of mypattern
  set number to 100
  repeat 11
    say number for 1 seconds
    add number to mypattern
    change number by -10
```

e)

```
when clicked
  delete all of mypattern
  set number to 0
  repeat 4
    say number for 1 seconds
    add number to mypattern
    change number by -6
```