Lesson 9 Hints

Remember the structure of a for or while loop

While loop

```
int i = 0;
while ( i < 10) {
    //do something
    i++;
}
```

For loop

```
for (int i = 0; i < 10; i++) {
  //do something
}
```

Remember that we can use *i* and some maths to change the position of each ellipse or rectangle like in the code below

```
for (int i = 0; i < 5; i++) {
  rect(0+i*(250), 200+i*25, 250, 250);
}
```

Remember what the four parameters of an ellipse are

ellipse(**distance across**, **distance down**, **width**, **height**);