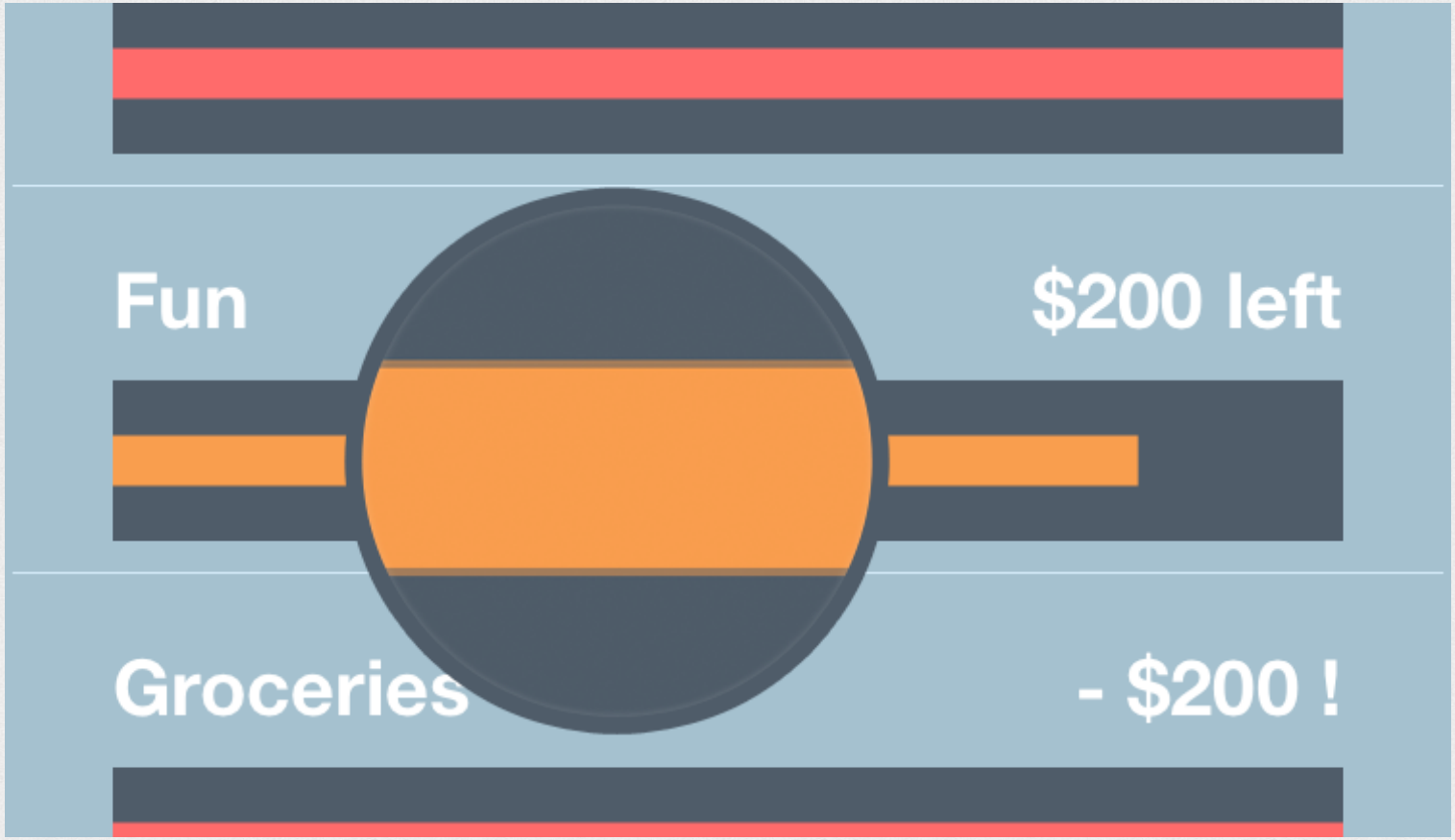
Beginning

Core Graphics

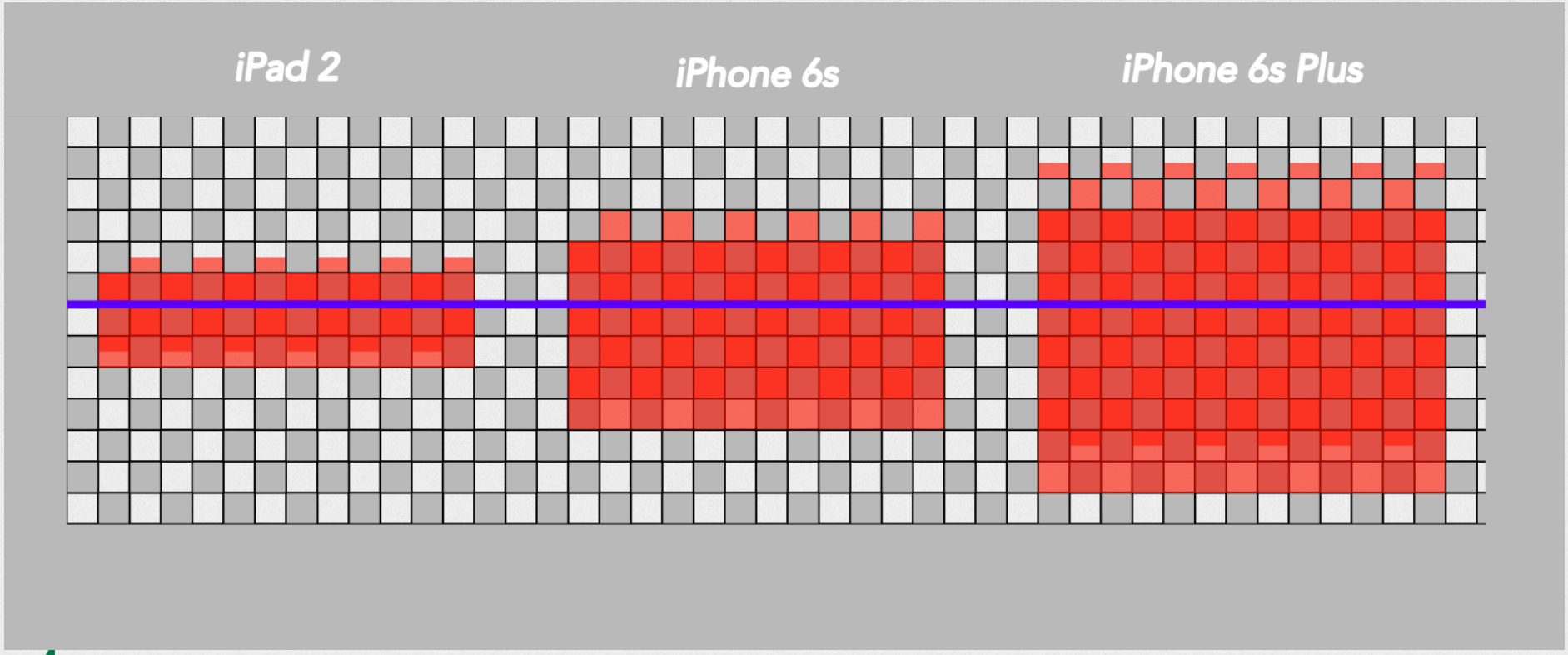
Part 2: Paths

raywenderlich.com

Points vs Pixels



Points vs Pixels 2



UIBezierPath Properties

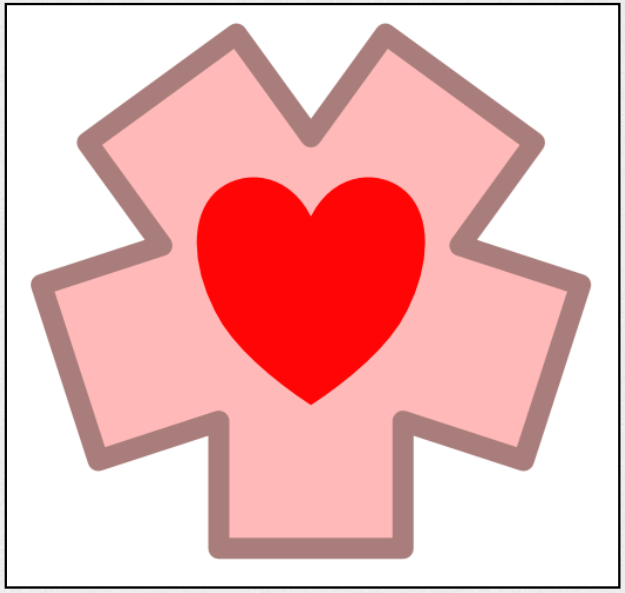
- lineCapStyle
- lineJoinStyle
- setLineDash(_:count:phase:)

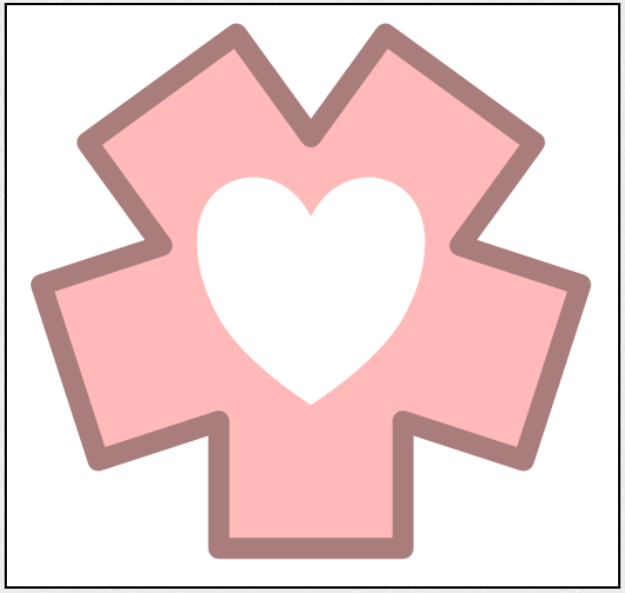
```
let dashes: [CGFloat] = [80, 10, 40, 10, 20, 10, 10, 10]
path.setLineDash(dashes, count: 8, phase: 0)

path.stroke()
```

Clipping Paths

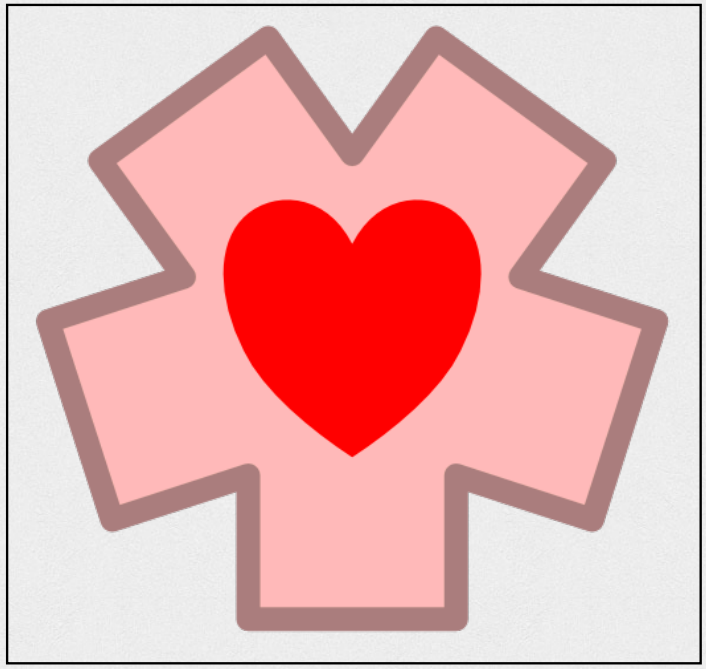
- path.addClip()





CAShapeLayer

- Draw CAShapeLayers with paths

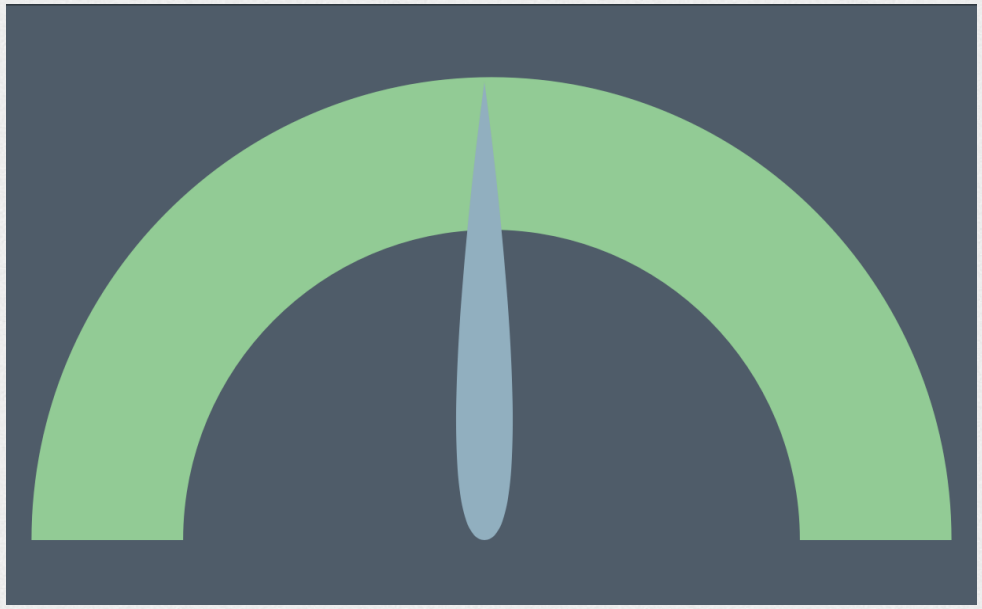
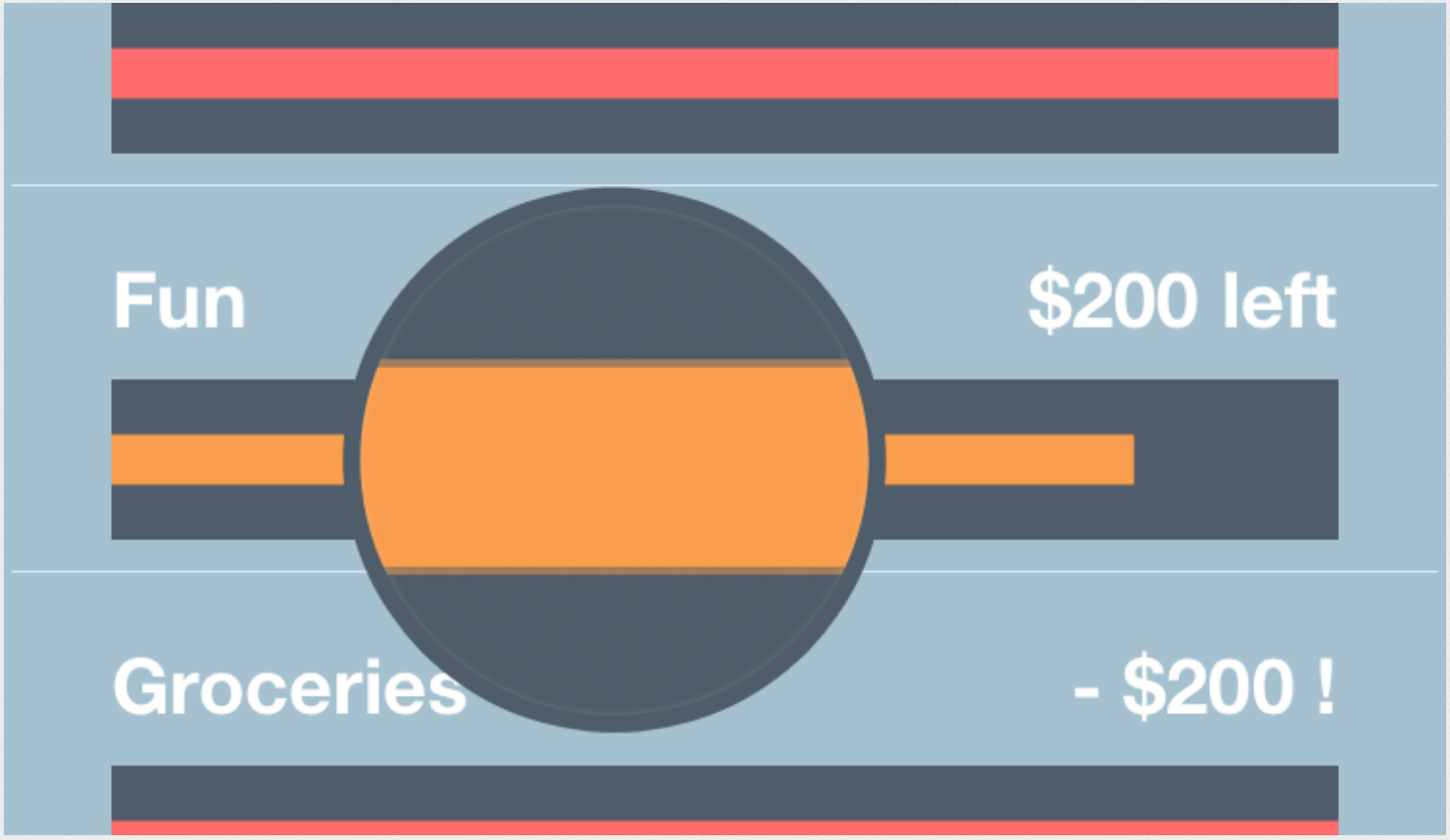


```
override func didMoveToSuperview() {
  heartLayer.path = heartPath.CGPath
  boxLayer.path = boxPath.CGPath
  layer.addSublayer(boxLayer)
  layer.addSublayer(heartLayer)

  // set layer fill colors and borders
}
```

Demo

- **Summary View**
  - UIBezierPath arc
  - CAShapeLayer
    Pointing Arrow



Challenge Time!