**Worksheet 8.1 - Answers**

# while Loops

# 1. 24.0 25.25 26.5 27.75 29.0 30.25 31.5

# 2. 30 and 80

# 45 and 70

# 60 and 60

# 75 and 50

# 90 and 40

# 105 and 30

# 3. Run: 16 miles Bike: 84 Skip: 5

# Run: 17 miles Bike: 83 Skip: 5

# Run: 18 miles Bike: 82 Skip: 4

# Run: 19 miles Bike: 81 Skip: 4

# 

# 4. b is 24 and c is 12

# b is 25 and c is 18

# b is 26 and c is 24

# b is 27 and c is 30

# b is 28 and c is 36

// Infinite Loop

5. You worked 84 hours to buy your car!