**Programming Plan**

*Explain your plan for programming your DomaBot to complete a figure-eight shape.*

1. In the box below, draw two different ways / paths your robot could take to complete a figure-eight shape.

**Path 1**

**Path 2**

1. In the box below, list the pros and cons of each path.

**Path 1**

**Path 2**

**Pros:**

**Cons:**

**Pros:**

**Cons:**

1. Which path are you going to program and why?

Use the space below to show your calculation of the wheel circumference. Show your work.

Use the space below to show how you would find the number of rotations needed for your DomaBot to go 12 inches.

Use the space below to show how you would convert rotations to degrees.