1. Answers:

2. Answers will vary. Examples: $450^\circ, -270^\circ$

3. Answers:

   a. Answers will vary. Examples: $-240^\circ, 480^\circ$
   b. Answers will vary. Examples: $-45^\circ, 675^\circ$
   c. Answers will vary. Examples: $210^\circ, -510^\circ, 570^\circ$
4. The front wheel rotates more because it has a smaller diameter. It rotates 200 revolutions versus 66.67 revolutions for the back wheel, which is a 48,000° difference \((200 - 66.\bar{6}) \cdot 360°\).