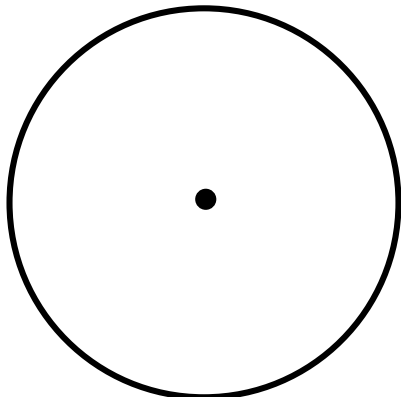


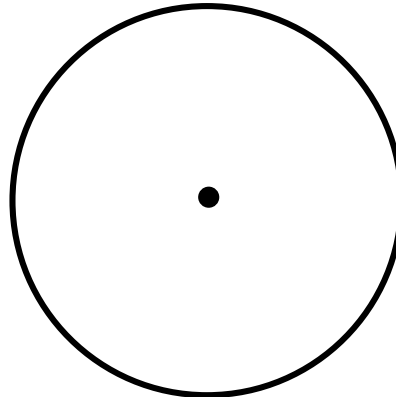
Name:

## Spinner Problems

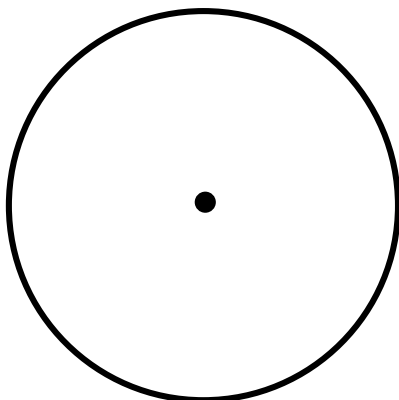
1. What would a spinner have to look like in order for you and your friend to have an equal chance of winning?



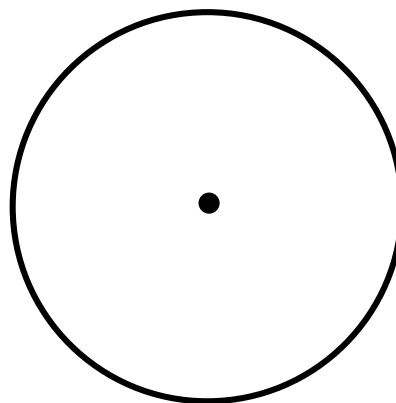
2. What would a spinner have to look like in order for four people to have an equal chance of winning?



3. If there are two people, what would a spinner have to look like in order for one to have a better chance of winning than the other?

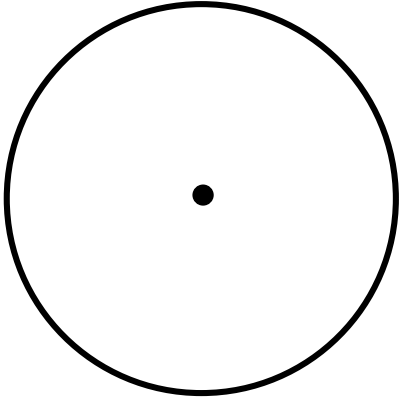


4. If there are four people, what would a spinner have to look like in order for one person to have a better chance of winning than anyone else?

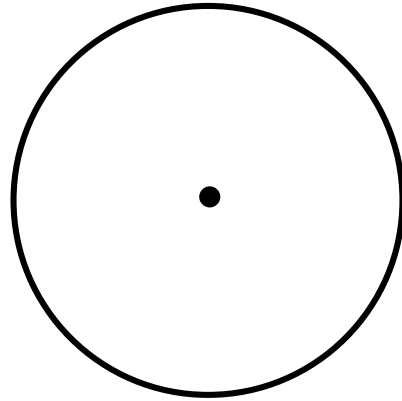


Bonus questions:

5. What would a spinner have to look like in order for eight people to have an equal chance of winning?



6. If there are three people, what would a spinner have to look like for one person to have twice as much chance as another to win?



When you look at a spinner, how do you know what outcome is **most likely** to occur?

---

---

---

---

When you look at a spinner, how do you know what outcome is **least likely** to occur?

---

---

When you look at a spinner, how do you know that two or more outcomes are **equally likely** to occur?

---

---