PROBABILITY QUEST

FINAL MISSION

THINK & COMPARE

MISSION BRIEF:

Use what you have learned from the Mystery Box and Carnival Spinner activities to compare, reason and correct a misconception.

Q10 COMPARE BOTH ACTIVITIES

Match each activity with its description.

- Mystery Box ▶ _____
- Carnival Spinner ▶ _____

Q11 IDENTIFY THE MISCONCEPTION

A spinner has **9** blue sectors and **1** yellow sector.



A student claims:

"Getting blue is certain because there are more blue sectors."

Do you agree or disagree?

Answer: _____

Explain your answer using mathematical reasoning.

_____

Q12 REFLECTION

Complete the following sentences.

a) One thing I learned about probability is _____

b) The difference between theoretical and experimental probability is _____

c) One misconception I can now correct is _____

LIVEWORKSHEETS