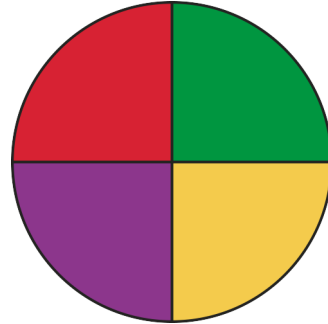
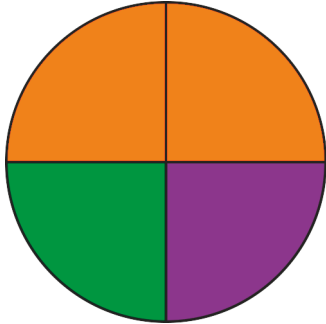


Probability Using Decimal Numbers

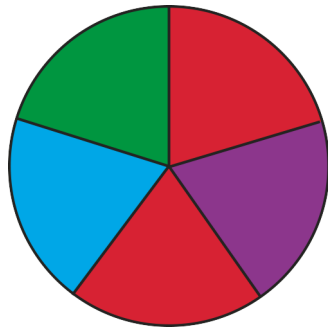
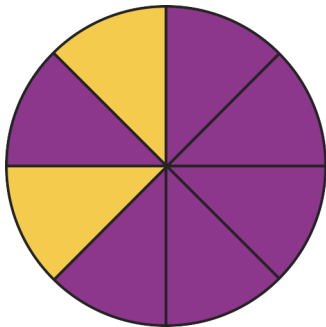
I can identify and correctly record the probability of outcomes ranging from 0 to 1. (ACMSP117)

Write the probability of outcomes for each spinner using decimal numbers.

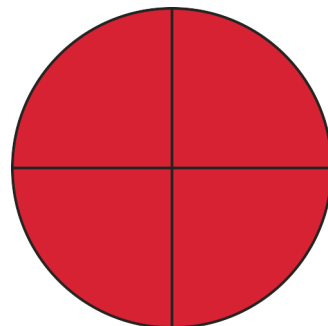
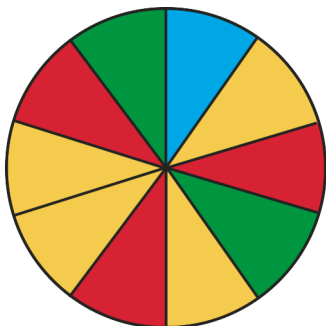
The probability of spinning orange is _____. The probability of spinning green is _____.



The probability of spinning purple is _____. The probability of spinning yellow is _____.



The probability of spinning blue is _____. The probability of spinning red is _____.

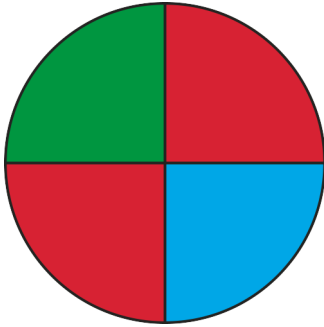


Probability Using Decimal Numbers - Questions

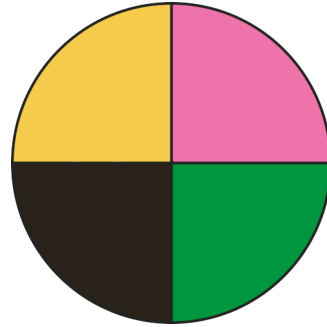
Write down the chance of spinning each colour in decimal format. Add the decimal numbers together. The first one has been done for you!

a. Red 0.50, blue 0.25, green 0.25.

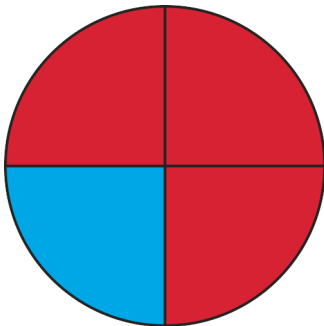
$$0.5 + 0.25 + 0.25 = 1.0$$



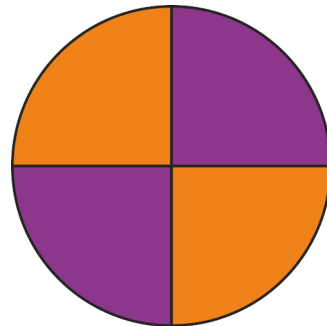
b.



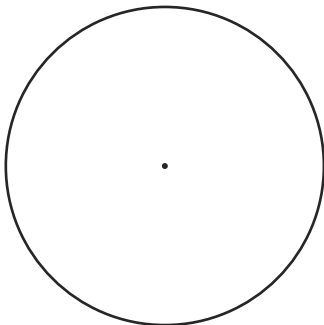
c.



d.



Draw your own spinner, write down the chance of spinning each colour and add the decimal numbers together.



Probability Using Decimal Numbers – Answers

Page 1

The probability of spinning orange is 0.50.

The probability of spinning green is 0.25.

The probability of spinning purple is 0.75.

The probability of spinning yellow is 0.00.

The probability of spinning blue is 0.10.

The probability of spinning red is 1.00.

Page 2

Write down the chance of spinning each colour in decimal format. Add the decimal numbers together. The first one has been done for you!

a. Red 0.50, blue 0.25, green 0.25.

$$0.5 + 0.25 + 0.25 = 1.0$$

b. Pink 0.25, green 0.25, yellow 0.25 & black 0.25

$$0.25 + 0.25 + 0.25 + 0.25 = 1.0$$

c. Red 0.75, blue 0.25

$$0.75 + 0.25 = 1.0$$

d. Purple 0.50, orange 0.50

$$0.50 + 0.50 = 1.0$$

Draw your own spinner, write down the chance of spinning each colour and add the decimal numbers together.

Child's own answer.