



Probabilities summing to 1

Name:

Date:

A 4 coloured spinner is spun. Here are the probabilities of it landing on each side:

Colour	Red	Blue	Green	Yellow
Probability	0.5	0.1	0.2	★

What should replace the star?

A 0.8 **B** 1

C 0.2 **D** Not enough information to tell

Correct Answer: A B C D

Explanation:

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A 4 coloured spinner is spun. Here are the probabilities of it landing on each side:

Colour	Red	Blue	Green	Yellow
Probability	0.3	0.1	★	0.3

What should replace the star?

A 0.3 **B** 0.7

C 1 **D** Not enough information to tell

Correct Answer: A B C D

Explanation:

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A 4 coloured spinner is spun. Here are the probabilities of it landing on each side:

Colour	Red	Blue	Green	Yellow
Probability	0.1	★	0.25	0.2

What should replace the star?

A 0.72 **B** 0.55

C 0.45 **D** Not enough information to tell

Correct Answer: A B C D

Explanation:

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A 4 coloured spinner is spun. Here are the probabilities of it landing on each side:

Colour	Red	Blue	Green	Yellow
Probability	★	★	0.3	0.3

What should replace the stars?

- A** 0.3, 0.3 **B** 0.2, 0.2
 C 0.4, 0.4 **D** Not enough information to tell

Correct Answer: A B C D

Explanation:

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A 4 coloured spinner is spun. Here are the probabilities of it landing on each side:

Colour	Red	Blue	Green	Yellow
Probability	★	0.35	0.35	★

What should replace the stars?

- A** 0.3, 0.3 **B** 0.15, 0.15
 C 0.35, 0.35 **D** Not enough information to tell

Correct Answer: A B C D

Explanation:

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