

# Decimal Darts Games in Progress - What Should You Do?

Name \_\_\_\_\_

In each of the following problems, a game of Fraction Darts is being played. Look at the picture of the game and answer the questions.

1. One dart has been thrown:

The image shows a game interface for 'Fraction Darts'. On the left, a vertical number line from 0 to 1 is shown. A red dart is stuck in the line at the 0.6 mark. A yellow dart is also shown at the 0.6 mark. The number '0.6' is written next to the yellow dart. On the right, a pink control panel contains the text 'Darts Left: 4', a 'Guess:' input field, and buttons for 'Throw Dart', 'New Game', 'Scale on/off', and 'Setup'.

For the next throw, what would the best guess be? Why? Explain your answer.

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2. Two darts have been thrown:



For the next throw, what would the best guess be? Why? Explain your answer.

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3. One dart has been thrown:



For the next throw, what would the best guess be? Why? Explain your answer.

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4. Two darts have been thrown:



For the next throw, what would the best guess be? Why? Explain your answer.

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5. Two darts have been thrown:



For the next throw, what would the best guess be? Why? Explain your answer.

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6. Three darts have been thrown:



For the next throw, what would the best guess be? Why? Explain your answer.

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