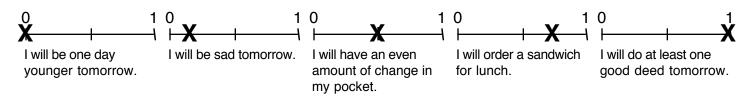
## MathFLIX CHALLENGE Probability is ALWAYS between 0 and 1

Part 1: Read the probability graphs below.



• Show the probability of each of the following events in your life by placing an **X** at the appropriate point on each graph. •

|  | impossible<br>0 | unpredictable<br>1/2 | certain<br>1 |
|--|-----------------|----------------------|--------------|
| 1) I will get out of bed tomorrow.                 | H               |                      | 1            |
| 2) I will find \$100 under my bed tomorrow.        | ı —             |                      | 1            |
| 3) I will eat breakfast tomorrow.                  | ı               |                      | 1            |
| 4) I will have a snack after school.               | ŀ               | +                    | 1            |
| 5) I will eat dinner before 9:00 PM.               | H               | +                    | 1            |
| 6) I will pick out a present my friend will like.  | ı               |                      | 1            |
| 7) I will do my homework everyday this week.       | ŀ               | +                    |              |
| 8) I will get an A in math on my next report card  | .               | +                    |              |
| 9) I will get an A in reading on my next report ca | ard.            |                      | 1            |
| 10) I will sing at least one song tomorrow.        | ŀ               | +                    |              |

Part 2: List some events in your life in the appropriate categories. One example has been done for each category.

| lr   | npossible         | Low (<1/2)                    | Unpredictable                            | High (>1/2)  | Certain   |
|------|-------------------|-------------------------------|--|--|---|
| Roll | l a 7 on a single | Roll a 1 on a single<br>dice. | Roll an even number<br>on a single dice. | Roll a number greater<br>than 1 on a single<br>dice. | Roll a number less<br>than 7 on a single<br>dice. |