Scratch, Text, and Win

You need ★ a classmate

Activity

FoodHere is running a Scratch, Text, and Win competition. For every $50 you spend, you receive a scratchie card that gives you the chance to win an instant prize. If you don't win a prize, you can enter a second-chance draw by texting the code on the card (this costs 90 cents).

Kelly asks her mother to buy groceries from FoodHere because she wants to win an MP3 player.

Instructions

Scratch the top four boxes to reveal the symbols. If they spell WIN! (the symbols must be in the correct order), you win a prize.

Scratch the centre box to reveal your instant prize:
- a cellphone
- an MP3 player
- $600 free groceries over 2 months.

Second chance

Scratch the bottom box to reveal a unique code. Text this code to 432 (texts cost 90 cents). Someone wins a second-chance prize every day.

Scratch, Text, and Win!

Reveal the symbols

W I N !

Reveal your instant prize

Second Chance

Text code to 432
(texts cost 90 cents)

1. How many different "words" can the 4 symbols W, I, N, and ! spell? (Each appears only once on a card.)
2. What is the probability that an instant prize will be an MP3 player?
3. Why isn't it possible to work out the probability that a particular card will win an MP3 player?
4. Kelly's mother doesn't usually shop at FoodHere. What should she take into account before she shops there to help Kelly win an MP3 player?
5. Kelly has 3 tickets that didn't win an instant prize. What should she think about before texting the codes to 432? Discuss with a classmate.

Focus Investigating and weighing up probabilities