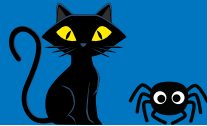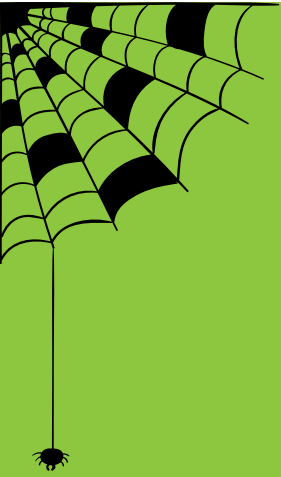# LITTLE BIG LESSONS

Rick Hansen Foundation
School Program

PRESENTED BY

FUTURE PROSPECTS

Scotiabank

TRICK-OR-TREAT MATH CHALLENGE

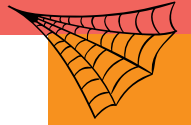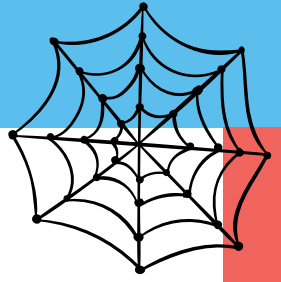RECOMMENDED FOR GRADES 4-8

LITTLE BIG LESSONS

Did you know?

Treat Accessibly lawn signs let trick-or-treaters know that the trick-or-treat station at that home is going to be set up in an accessible way on Halloween night, so people with different kinds of disabilities can access the fun of Halloween along with everyone else!

There are 12 homes on Alex and Frankie's street. Alex uses a wheelchair and Frankie does not have a disability. Out of the 12 homes on their street, 5 have a Treat Accessibly sign on their lawn. Alex knows that on Halloween night, she will be able to trick-or-treat at the five houses with Treat Accessibly signs in front of their homes safely and without any barriers.

1. If each home on the street gives out two pieces of candy, how many pieces of candy could Frankie collect? How many pieces of candy could Alex collect?

2. If Alex and Frankie get home and their parents ask them to combine all of their candy and split it evenly, how many pieces of candy would Alex and Frankie each get?

3. If Frankie only wants to trick-or-treat at the homes that Alex can access too, how many pieces of candy would Alex and Frankie collect total?

4. Alex and Frankie go to a different street nearby, which has 27 homes on it. Every third house has a Treat Accessibly sign on their lawn. How many homes can Frankie trick-or-treat at? How many homes can Alex trick-or-treat at?

5. On this street, every home is giving out three pieces of candy. If Frankie only wants to trick-or-treat at the homes that Alex can access too, how many pieces of candy would they collect altogether?

LITTLE BIG LESSONS

1. 12 X 2 = 24
   Frankie could collect 24 pieces of candy.
   5 X 2 = 10
   Alex could collect 10 pieces of candy.

2. 24 + 10 = 34
   34 ÷ 2 = 17
   Alex and Frankie would each get 17 pieces of candy.

3. 5 x 2 = 10
   10 + 10 = 20
   Alex and Frankie would collect 20 pieces of candy together total.

4. Frankie can trick-or-treat at 27 homes.
   27 ÷ 3 = 9
   Alex can trick-or-treat at 9 homes.

5. 9 x 3 = 27
   27 + 27 = 54
   Altogether, Alex and Frankie would collect 54 pieces of candy.

For more information on how to plan an inclusive and accessible
Halloween, please visit www.treataccessibly.com

For more Little Big Lessons, go to **RickHansen.com/LittleBig-Lessons** and click on Sign Up.

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