



## Problem of the Week

### Problem A

### Holiday Lights

Hunter needs exactly 6 metres of twinkle lights to decorate the roof-line of his house for the holidays. He has 3 strings of lights. The first string of lights covers 250 cm.

Which of the following options could represent the lengths of the other two strings of lights? Explain your thinking.

- a) 175 cm and 175 cm
- b) 150 cm and 150 cm
- c) 180 cm and 170 cm
- d) 150 cm and 200 cm
- e) More than two of the above options are possibilities.
- f) None of the options above are possibilities.

