

(b) Pygmy three-toed sloths range from 48 cm to 53 cm in length.

Brown-throated sloths are 15% longer than pygmy sloths.

Calculate the range in length of brown-throated sloths.

Show your working.

(2)

..... cm

(c) Organisms live on the fur of the pygmy three-toed sloth. The fur provides a habitat for these organisms.

Two of these organisms are green algae and moths.

Algae are plant-like organisms that carry out photosynthesis.

Moths are insects that lay eggs.

(i) Suggest **one** advantage to each of these organisms of living together in this way.

(3)

Advantage to the sloth.....

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Advantage to the algae.....

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Advantage to the moth.....

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