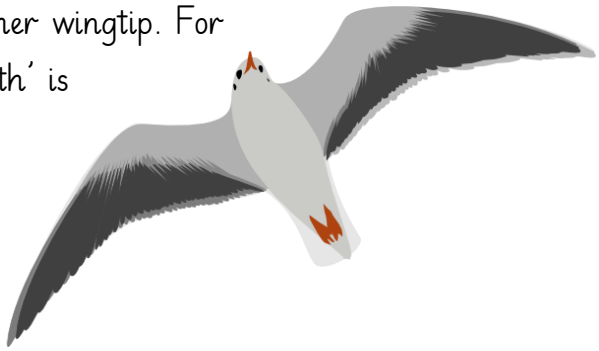
Maths Puzzle – Week 8

A seagull's 'length' is measured from the tip of its beak to the tip of its tail; its 'wingspan' is measured from one wingtip to the other wingtip. For a certain kind of seagull the ratio 'wingspan: length' is typically 5:3.



If the seagull's length is 42cm, what would you expect the wingspan to be?

Solution

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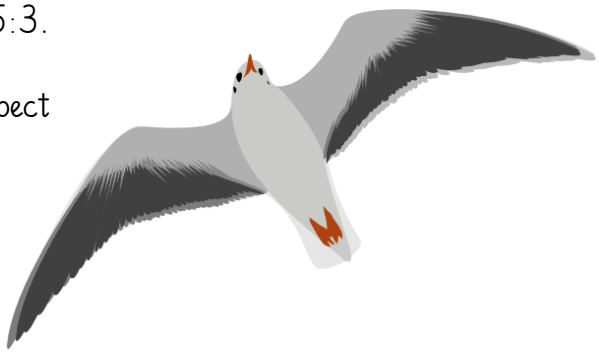

The answer was 70cm!

42 = 5:3 and 42 = 14 x 3, so the wingspan is 14 x 5 = 70cm.