

BIRD FOOD BRAINTEASER

Ben and Jamilla buy 3 packs of mealworms each to feed the birds in their gardens.

Ben uses $\frac{1}{4}$ of a pack each day. Jamilla uses $\frac{3}{10}$ of a pack each day.

- How many days will each child's packs last?
- How much more of a pack does Jamilla use each day than Ben?
- Assuming that they use the mealworms at the same rate, calculate how many packs each child will have used after 17 days. Give your answer as **i)** an improper fraction and **ii)** a mixed number
- Jamilla says, "After 6 days I will have used $1\frac{4}{5}$ packs."

Ben says, "After 6 days I will have used $\frac{5}{4}$ packs."

Who is correct?

