

## BIRD FOOD BRAINTEASER

- a. Ben: 12 days  
Jamilla: 10 days
- b.  $\frac{3}{10} - \frac{1}{4} = \frac{6}{20} - \frac{5}{20} = \frac{1}{20}$   
Jamilla uses  $\frac{1}{20}$  of a pack more than Ben each day.
- c. i) Ben:  $\frac{17}{4}$ , Jamilla:  $\frac{51}{10}$   
ii) Ben:  $4\frac{1}{4}$ , Jamilla:  $5\frac{1}{10}$
- d. Jamilla is correct:  $6 \times \frac{3}{10} = \frac{18}{10} = 1\frac{8}{10} = 1\frac{4}{5}$   
Ben is incorrect:  $6 \times \frac{1}{4} = \frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$