

Lesson 3: Ratio problems

Challenge
1

- 1 a 6000 d 14 666
b 12 000 e 6000
c 5500
- 2 a True c False
b True

Challenge
2

- 1 a Strawberry and Nectarine Smoothie for 12: 36 strawberries, 9 nectarines, 12 apples
Strawberry and Banana Smoothie for 12: 64 strawberries; 4 bananas; 4 oranges; 16 apples
b Strawberry and Banana Smoothie
c 24 oranges will make enough Strawberry and Banana Smoothie for 72.
24 nectarines will make enough Strawberry and Nectarine Smoothie for 32.
So you can serve 104 people.
- 2 a i 3 : 2 iii 9 : 5
ii 9 : 10 iv 2 : 1
- b i 30 servings
ii 72 servings
iii 60 servings
iv 6 servings
- 3 a True c True
b True d True

Challenge
3

- a True c False
b True d True