

# Add 3 or more fractions



1 Complete the additions.

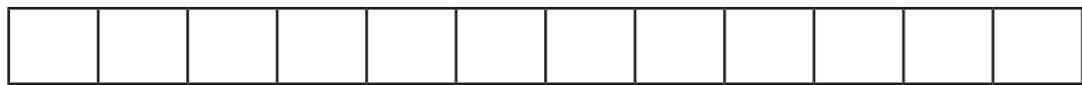
Use the bar models to help you.

a)



$$\frac{1}{2} + \frac{1}{4} + \frac{1}{12} = \square$$

b)



$$\frac{1}{2} + \frac{1}{3} + \frac{1}{12} = \square$$

c)



$$\frac{2}{3} + \frac{1}{6} + \frac{1}{12} = \square$$

d)



$$\frac{1}{3} + \frac{1}{4} + \frac{1}{6} = \square$$

2 Complete the additions.

$$\text{a) } \frac{1}{5} + \frac{3}{10} + \frac{7}{20} = \square$$

$$\text{b) } \frac{1}{16} + \frac{5}{32} + \frac{3}{8} = \square$$

$$\text{c) } \frac{1}{4} + \frac{5}{24} + \frac{5}{12} = \square$$

$$\text{d) } \frac{3}{16} + \frac{1}{2} + \frac{1}{4} = \square$$

$$\text{e) } \frac{1}{2} + \frac{5}{18} + \frac{1}{9} = \square$$

$$\text{f) } \frac{1}{5} + \frac{8}{35} + \frac{2}{7} = \square$$

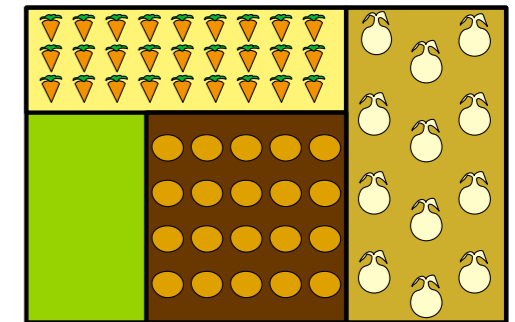
Explain how common multiples help when adding the fractions.

3 Rosie has a vegetable patch.

$\frac{2}{9}$  of the patch contains carrots.

$\frac{5}{18}$  of the patch contains potatoes.

$\frac{1}{3}$  of the patch contains onions.



What fraction of the patch contains carrots, potatoes or onions?

$\square$  of the patch contains carrots, potatoes or onions.