

# Combining fractions

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This task is about adding fractions.



Chen, Malachi, and Rory ordered a giant pizza.

Chen ate  $\frac{1}{3}$ , Malachi ate  $\frac{1}{4}$ , and Rory ate  $\frac{1}{5}$  of the pizza.

Altogether, what fraction of the pizza did they eat? \_\_\_\_\_

a)



b) In a relay, Toby ran  $2\frac{1}{2}$  laps, Celia ran  $3\frac{1}{3}$  laps, and Danica ran  $4\frac{1}{4}$  laps.

Altogether, how many laps, including part laps, did they run? \_\_\_\_\_



A pet shop has puppies with different-coloured coats.

c)  $\frac{1}{4}$  are pure white,  $\frac{1}{5}$  are pure black, and  $\frac{2}{5}$  are both black and white.

The remaining puppies have no black or white colouring.

What **fraction** of the puppies ...

i) are pure black or pure white in colouring? \_\_\_\_\_

ii) have at least some white colouring? \_\_\_\_\_

iii) have no black or white colouring? \_\_\_\_\_