

Fraction Word Problems

Question 1

Ruby drinks 3 whole bottles of juice. She then pours another bottle into 5 equal glasses and drinks 2 of them. How many bottles of juice does she drink in total? Give your answer as an improper fraction in its simplest form.

Question 2

A baker makes 4 full trays of muffins. He then bakes another tray and sells 3 of its 6 equal muffins. How many trays of muffins does he sell in total? Give your answer as an improper fraction.

Question 3

Sam reads 5 whole books. He then starts another book and reads 3 out of its 8 equal chapters. How many books has he read in total? Give your answer as an improper fraction in its simplest form.

Question 4

Ella paints 2 whole fences. She then starts painting another fence and completes 4 out of its 10 equal sections. How many fences has she painted in total? Write your answer as an improper fraction.

Question 5

Tom eats 1 whole pizza. He then cuts another pizza into 8 equal slices and eats 5 of them. How many pizzas has Tom eaten altogether? Give your answer as an improper fraction in its simplest form.

Question 6

Ava fills 6 full jugs of water. She then fills another jug to 3 out of its 9 equal parts. How many jugs does she fill in total? Give your answer as an improper fraction.

Question 7

Leo builds 3 full Lego towers. He then builds 2 out of 5 equal sections of another tower. How many towers does Leo build in total? Give your answer as an improper fraction.

Question 8

Grace bakes 2 whole cakes. She then makes another cake and decorates 3 out of 12 equal slices. How many cakes does Grace bake in total? Give your answer as an improper fraction.

Question 9

Ollie swims 7 full lengths of a pool. He then swims halfway along another length. How many lengths has he swum in total? Write your answer as an improper fraction.

Question 10

Tia eats 5 whole chocolate bars. She then breaks another bar into 4 equal pieces and eats 1 of them. How many chocolate bars does she eat in total? Give your answer as an improper fraction.

Q1

Whole bottles: $3 = 15/5$

Extra: $2/5$

Total = $15/5 + 2/5 = 17/5$

Q2

Whole trays: $4 = 8/2$

Extra: $3/6 = 1/2$

Total = $8/2 + 1/2 = 9/2$ trays

Q3

Whole books: $5 = 40/8$

Extra: $3/8$

Total = $40/8 + 3/8 = 43/8$

Q4

Whole fences: $2 = 10/5$

Extra: $4/10 = 2/5$

Total = $10/5 + 2/5 = 12/5$ fences

Q5

Whole pizzas: $1 = 8/8$

Extra: $5/8$

Total = $8/8 + 5/8 = 13/8$

Q6

Whole jugs: $6 = 18/3$

Extra: $3/9 = 1/3$

Total = $18/3 + 1/3 = 19/3$ jugs

Q7

Whole towers: $3 = 15/5$

Extra: $2/5$

Total = $15/5 + 2/5 = 17/5$ towers

Q8

Whole cakes: $2 = 8/4$

Extra: $3/12 = 1/4$

Total = $8/4 + 1/4 = 9/4$ cakes

Q9

Whole lengths: $7 = 14/2$

Extra: $1/2$

Total = $14/2 + 1/2 = 15/2$

Maths with Melissa

Q10

Whole bars: $5 = 20/4$

Extra: $1/4$

Total = $20/4 + 1/4 = 21/4$
