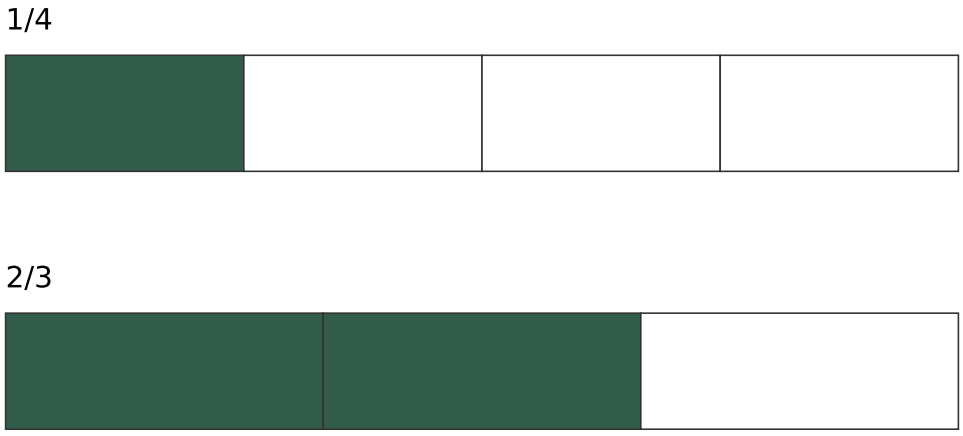
Choosing Operations in Fraction Word Problems Worksheets

ANSWER / CASE 1

A 2/3 m ribbon and a 1/4 m ribbon are joined end to end without overlap. Find the total length. Choose and justify the operation.

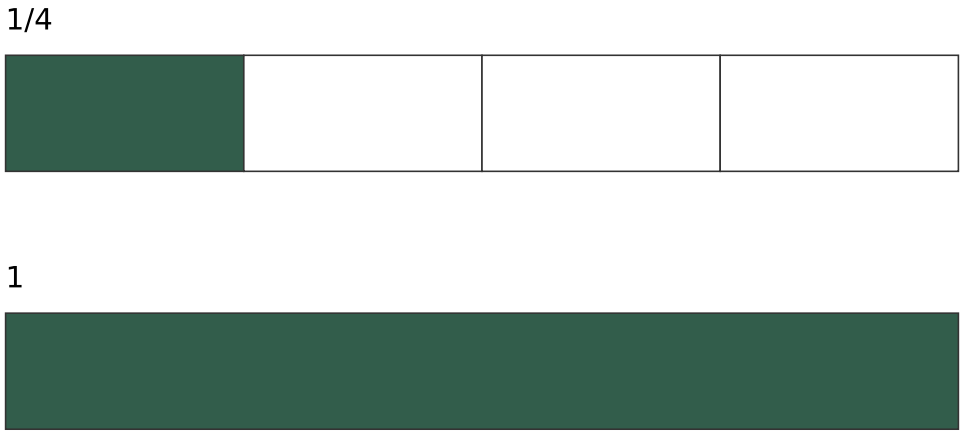


ANSWER: 11/12 m.
1. Join lengths by adding.
2. Calculate (2/3) + (1/4) = 11/12.

Choosing Operations in Fraction Word Problems Worksheets

ANSWER / CASE 2

A ribbon is 1 m long. A 1/4 m piece is cut off. Find the remaining length. Choose and justify the operation.



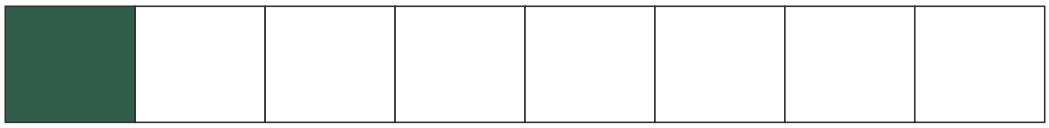
ANSWER: 3/4 m.
1. Remove a length by subtracting.
2. Calculate (1) - (1/4) = 3/4.

Choosing Operations in Fraction Word Problems Worksheets

ANSWER / CASE 3

A ribbon is 4/3 m long. You use 1/4 of its length. How many metres do you use? Choose and justify the operation.

1/4



4/3



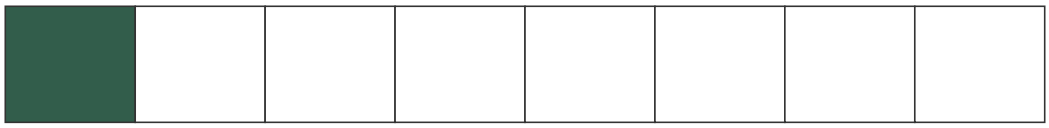
ANSWER: 1/3 m.
1. A fraction of a length calls for multiplication.
2. Calculate (4/3) * (1/4) = 1/3.

Choosing Operations in Fraction Word Problems Worksheets

ANSWER / CASE 4

A container holds 5/3 L. How many 1/4 L cupfuls is this equivalent to? A fractional cupful is allowed. Choose and justify the operation.

1/4



5/3



ANSWER: 20/3 cupfuls.
1. Divide the total volume by the capacity per cupful.
2. Calculate (5/3) / (1/4) = 20/3.