

Word Problems Training I



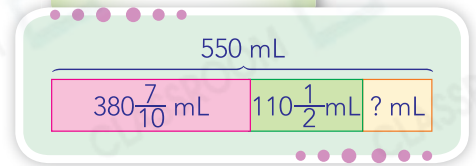
Date: _____

Mark: _____

- Addition and subtraction of fractions with different denominators ○ Area

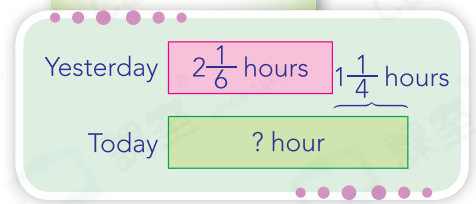
1. A bottle of 550 mL latte contains $380\frac{7}{10}$ mL of milk and $110\frac{1}{2}$ mL of milk foam. The rest is coffee. How much coffee is there in a bottle of latte?

Illustration



2. Jack spent $2\frac{1}{6}$ hours on swimming yesterday and it was $1\frac{1}{4}$ hours less than today. How long did he spend on swimming today?

Illustration



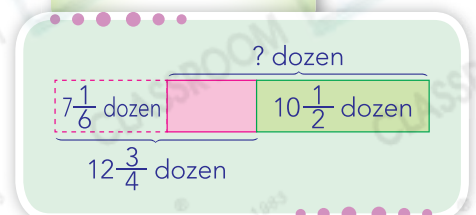
3. The area of a parallelogram is 1500 m^2 . What is its height if the base is 50 m?

Hints

- Height of parallelograms = Area \div Base

4. A cake shop had $12\frac{3}{4}$ dozen slices of cake originally. How many dozen slices of cake are there now after selling $7\frac{1}{6}$ dozen and making $10\frac{1}{2}$ dozen more?

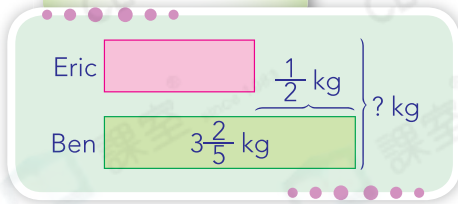
Illustration



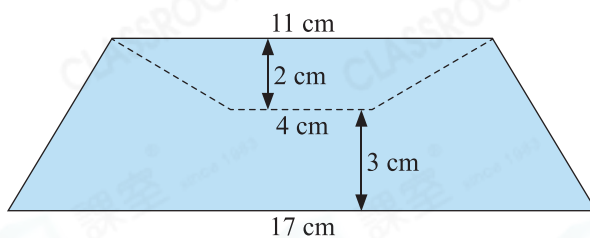
5. Ben's schoolbag weighs $3\frac{2}{5}$ kg. Eric's schoolbag is $\frac{1}{2}$ kg lighter than Ben's. What is the total weight of their schoolbags?



Illustration



6.



- (a) A small trapezium is cut out along the dotted line in the above figure. What is the area of it?



Hints

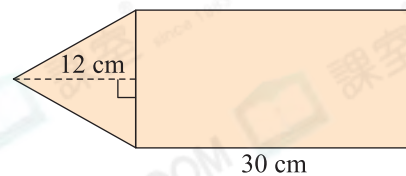
Area of trapezium
= (upper base + lower base)
× height ÷ 2

- (b) What is the area of the remaining part?



7. The figure on the right is composed of an equilateral triangle and a rectangle. The area of the rectangle is 420 cm^2 .

- (a) The perimeter of the whole figure is _____ cm.
(b) What is the area of the equilateral triangle?



Hints

Find the base of the triangle.

