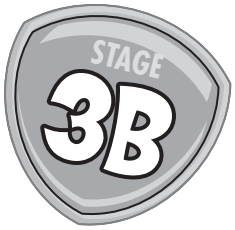
GO CHECK

Assessment Book

Sample Page



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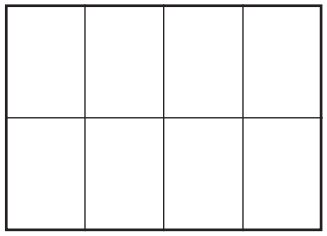
ORIGO EDUCATION

UNIT 52 Adding and Subtracting Common Fractions

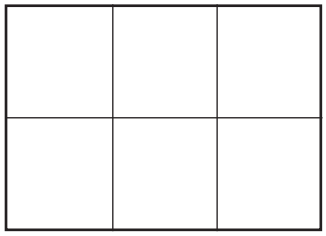
1. Colour boxes to show both fractions. Write the fraction of the total that you coloured.

a.



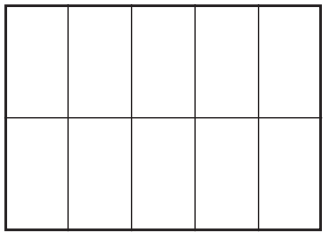
$\frac{2}{8} + \frac{3}{8} =$ _____

b.



$\frac{2}{6} + \frac{3}{6} =$ _____

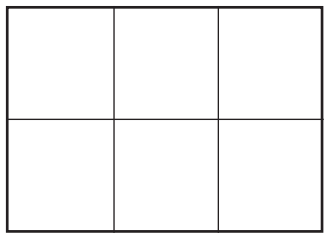
c.



$\frac{3}{10} + \frac{5}{10} =$ _____

2. Colour boxes to show the first fraction. Cross out coloured boxes to show the second fraction. Then write the fraction that the remaining coloured boxes show.

a.

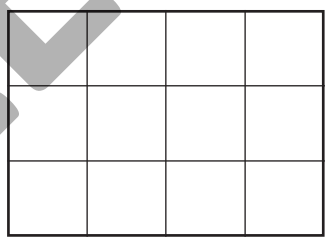


$\frac{5}{6} - \frac{3}{6} =$ _____

b.

$\frac{6}{8} - \frac{4}{8} =$ _____

c.



$\frac{11}{12} - \frac{6}{12} =$ _____

3. Calculate the answers.

a. $\frac{6}{8} + \frac{3}{8} =$ _____

b. $1\frac{2}{8} + 2\frac{3}{8} =$ _____

c. $1\frac{1}{8} + \frac{5}{8} =$ _____

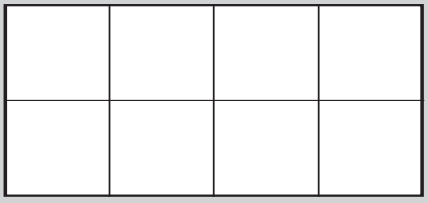
d. $\frac{7}{8} - \frac{2}{8} =$ _____

e. $2\frac{6}{8} - \frac{3}{8} =$ _____

f. $2\frac{5}{8} - 1\frac{2}{8} =$ _____

4. Shade the region to find an equivalent fraction.
Then calculate the answer and write the missing numbers.

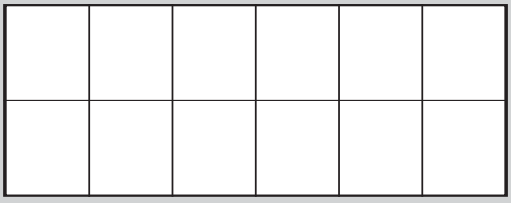
a. Shade $\frac{2}{4}$



$\frac{2}{4} + \frac{2}{8}$ is the same as

_____ $+ \frac{2}{8} =$ _____

b. Shade $\frac{2}{3}$



$\frac{2}{3} - \frac{3}{12}$ is the same as

_____ $- \frac{3}{12} =$ _____

Investigating Capacity, Volume and Mass

1. **a.** A dripping tap loses 5 mL every minute. Complete this table to show how much water is lost over time.

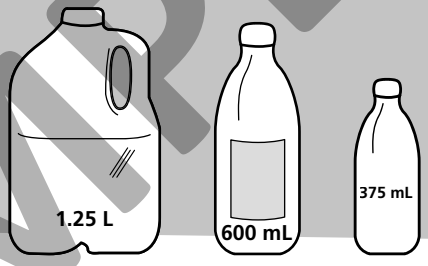
	1 hour	2 hours	5 hours	10 hours	12 hours	1 day
Millilitres						
Litres						

b. Calculate how many minutes would pass before losing 1 litre.

Working Space

_____ minutes

2. Three bottles each hold a different amount. Calculate the total and write your answer in litres and millilitres.

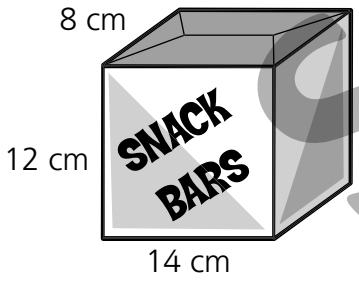


TOTAL

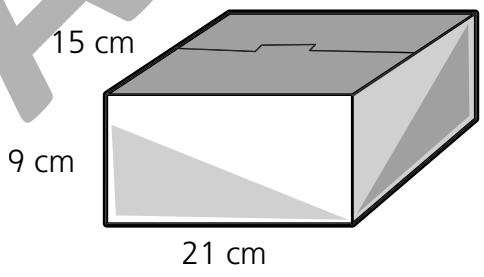
_____ L

_____ mL

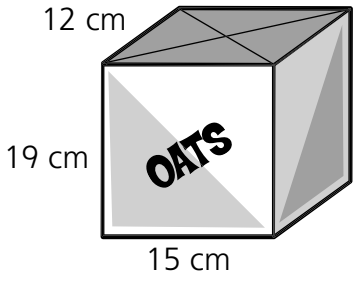
3. Calculate the volume of each box. Use a calculator to help you.



_____ cm^3

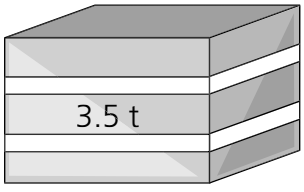


_____ cm^3

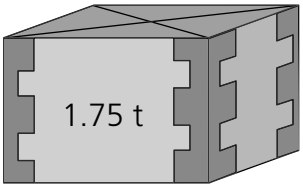


_____ cm^3

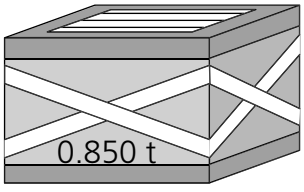
4. Write the mass of these crates in kilograms.



_____ kg



_____ kg



_____ kg