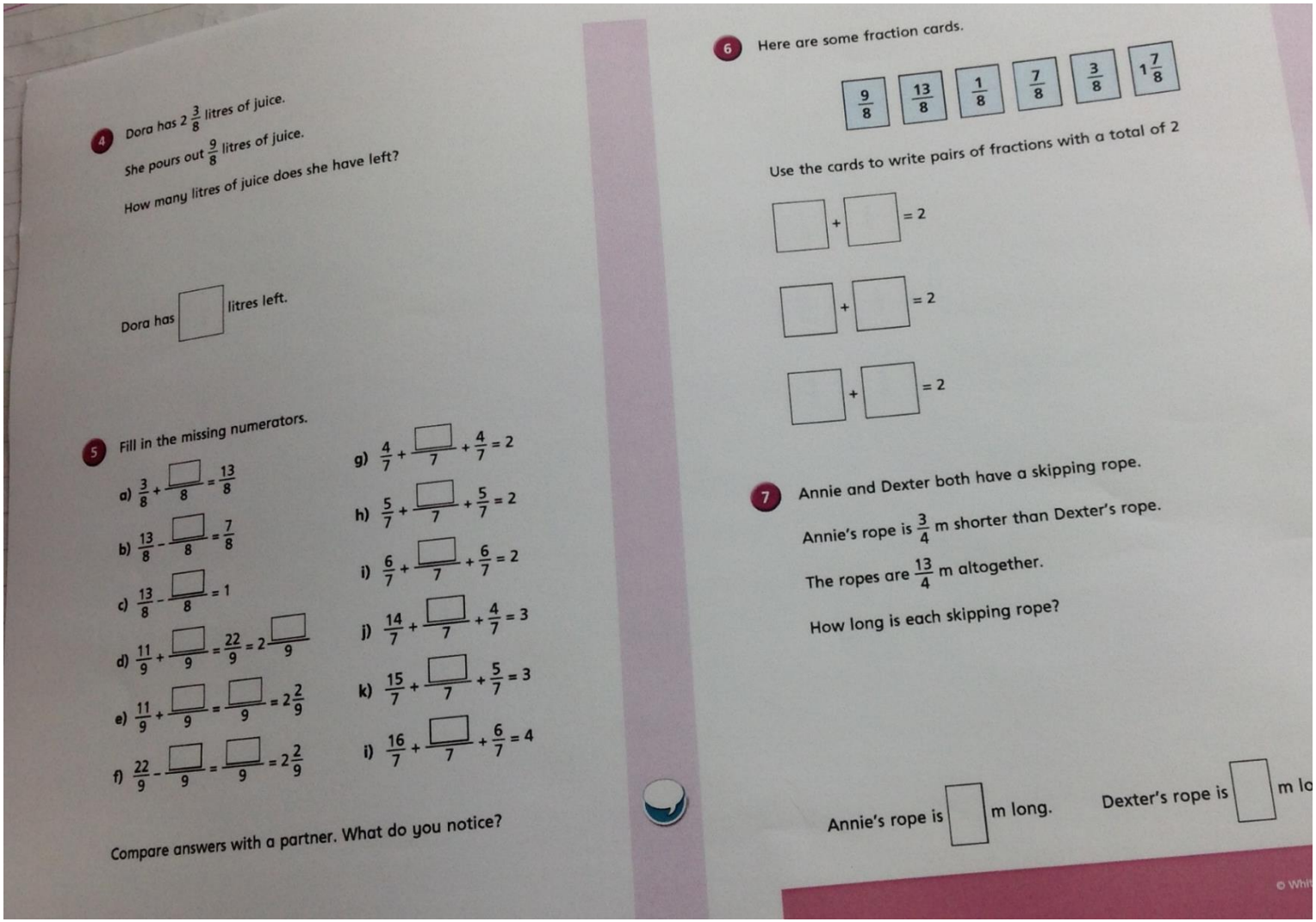
Morning y5

Now remember that you cannot add and subtract different fractions so you have to convert fractions to the same denominator to be able to + and - correctly.

We are continuing lesson 1 from yesterday. Feel free to re-watch the video if it will help.

Go to white rose maths summer week 5 lesson 1

Then complete the worksheet:



4 Dora has $2\frac{3}{8}$ litres of juice.
She pours out $\frac{9}{8}$ litres of juice.
How many litres of juice does she have left?

Dora has ☐ litres left.

5 Fill in the missing numerators.

a) $\frac{3}{8} + \frac{\square}{8} = \frac{13}{8}$
b) $\frac{13}{8} - \frac{\square}{8} = \frac{7}{8}$
c) $\frac{13}{8} - \frac{\square}{8} = 1$
d) $\frac{11}{9} + \frac{\square}{9} = \frac{22}{9} = 2\frac{\square}{9}$
e) $\frac{11}{9} + \frac{\square}{9} = \frac{\square}{9} = 2\frac{2}{9}$
f) $\frac{22}{9} - \frac{\square}{9} = \frac{\square}{9} = 2\frac{2}{9}$
g) $\frac{4}{7} + \frac{\square}{7} + \frac{4}{7} = 2$
h) $\frac{5}{7} + \frac{\square}{7} + \frac{5}{7} = 2$
i) $\frac{6}{7} + \frac{\square}{7} + \frac{6}{7} = 2$
j) $\frac{14}{7} + \frac{\square}{7} + \frac{4}{7} = 3$
k) $\frac{15}{7} + \frac{\square}{7} + \frac{5}{7} = 3$
i) $\frac{16}{7} + \frac{\square}{7} + \frac{6}{7} = 4$

Compare answers with a partner. What do you notice?

6 Here are some fraction cards.

$\frac{9}{8}$ $\frac{13}{8}$ $\frac{1}{8}$ $\frac{7}{8}$ $\frac{3}{8}$ $1\frac{7}{8}$

Use the cards to write pairs of fractions with a total of 2

☐ + ☐ = 2
☐ + ☐ = 2
☐ + ☐ = 2

7 Annie and Dexter both have a skipping rope.
Annie's rope is $\frac{3}{4}$ m shorter than Dexter's rope.
The ropes are $\frac{13}{4}$ m altogether.
How long is each skipping rope?

Annie's rope is ☐ m long. Dexter's rope is ☐ m lo

Answers below... Then search check match fix adding subtracting fractions rap and using key important reminders from the rap, make a poster to EXPLAIN how to add and subtract fractions with different denominators.

4 Dora has $2\frac{3}{8}$ litres of juice.

She pours out $\frac{9}{8}$ litres of juice.

How many litres of juice does she have left?

Dora has $1\frac{1}{4}$ litres left.

5 Fill in the missing numerators.

a) $\frac{3}{8} + \frac{10}{8} = \frac{13}{8}$

b) $\frac{13}{8} - \frac{6}{8} = \frac{7}{8}$

c) $\frac{13}{8} - \frac{5}{8} = 1$

d) $\frac{11}{9} + \frac{11}{9} = \frac{22}{9} = 2\frac{4}{9}$

e) $\frac{11}{9} + \frac{9}{9} = \frac{20}{9} = 2\frac{2}{9}$

f) $\frac{22}{9} - \frac{2}{9} = \frac{20}{9} = 2\frac{2}{9}$

g) $\frac{4}{7} + \frac{6}{7} + \frac{4}{7} = 2$

h) $\frac{5}{7} + \frac{4}{7} + \frac{5}{7} = 2$

i) $\frac{6}{7} + \frac{2}{7} + \frac{6}{7} = 2$

j) $\frac{14}{7} + \frac{3}{7} + \frac{4}{7} = 3$

k) $\frac{15}{7} + \frac{1}{7} + \frac{5}{7} = 3$

l) $\frac{16}{7} + \frac{6}{7} + \frac{6}{7} = 4$

Compare answers with a partner. What do you notice?

6 Here are some fraction cards.

$\frac{9}{8}$ $\frac{13}{8}$ $\frac{1}{8}$ $\frac{7}{8}$ $\frac{3}{8}$ $1\frac{7}{8}$

Use the cards to write pairs of fractions with a total of 2

$1\frac{7}{8} + \frac{1}{8} = 2$

$\frac{13}{8} + \frac{3}{8} = 2$

$\frac{9}{8} + \frac{7}{8} = 2$

7 Annie and Dexter both have a skipping rope.

Annie's rope is $\frac{3}{4}$ m shorter than Dexter's rope.

The ropes are $\frac{13}{4}$ m altogether.

How long is each skipping rope?

Annie's rope is $1\frac{1}{4}$ m long. Dexter's rope is 2