Teddy and Mo are adding mixed numbers.

$3\frac{1}{4} + 2\frac{5}{8} = 5 + \frac{7}{8} = 5\frac{7}{8}$

Teddy

$3\frac{1}{4} + 2\frac{5}{8} = \frac{26}{8} + \frac{21}{8} = \frac{47}{8} = 5\frac{7}{8}$

Mo

Whose method do you prefer?

RECALL

a) $\frac{5}{6} - \frac{1}{2} = \square$

b) $\frac{5}{6} - \frac{1}{3} = \square$

c) $\frac{7}{8} - \frac{3}{4} = \square$

d) $\frac{1}{2} - \frac{3}{8} = \square$

GUIDED PRACTICE

LO: subtracting fractions .

Some will even subtract fractions out of context (perimeter) .
Some will convert fractions to help find answers.
Most will match up fractions.
All will complete number sentences.

LEARNING HABIT RESILIENCE.

$\frac{7}{8} - \frac{1}{16} = \square$

$\frac{5}{8} - \frac{1}{16} = \square$

$\frac{3}{8} - \frac{1}{16} = \square$

$\frac{1}{8} - \frac{1}{16} = \square$

$\frac{6}{7} - \frac{2}{21} = \square$

$\frac{5}{7} - \frac{4}{21} = \square$

$\frac{4}{7} - \frac{6}{21} = \square$

$\frac{3}{7} - \frac{8}{21} = \square$

What pattern did you notice in the first two chillis?

INTELLIGENT PRACTICE.

DIVE DEEPER

Dive deeper 1

$\frac{3}{4} - \frac{3}{20}$

$\frac{10}{20} - \frac{3}{20}$

$\frac{4}{5} - \frac{3}{20}$

$\frac{16}{20} - \frac{3}{20}$

$\frac{7}{10} - \frac{3}{20}$

$\frac{15}{20} - \frac{3}{20}$

$\frac{1}{2} - \frac{3}{20}$

$\frac{14}{20} - \frac{3}{20}$

Dive deeper 2

Here are some fraction cards.

$\frac{1}{3}$ $\frac{5}{6}$ $\frac{1}{2}$ $\frac{11}{12}$ $\frac{3}{4}$

a) Which two fractions have a difference of $\frac{1}{4}$?

b) Which two fractions have a difference of $\frac{1}{2}$?

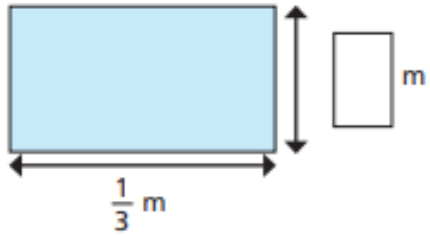
c) Which two fractions have a difference of $\frac{1}{12}$?

Give two possible pairs.

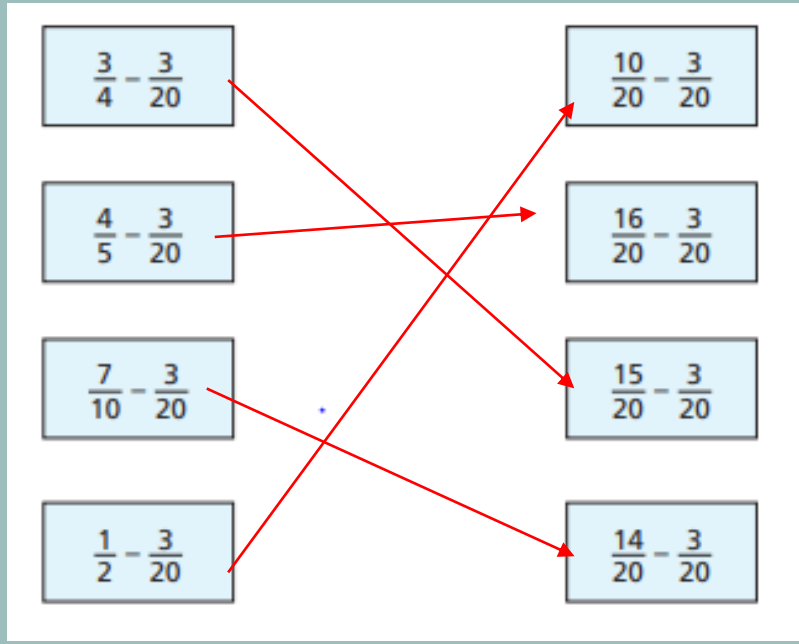
Dive deeper 3

The perimeter of the rectangle is $\frac{14}{15}$ m.

Work out the missing length.



Dive deeper 1



Dive deeper 2

Here are some fraction cards.

$\frac{1}{3}$ $\frac{5}{6}$ $\frac{1}{2}$ $\frac{11}{12}$ $\frac{3}{4}$

a) Which two fractions have a difference of $\frac{1}{4}$?

b) Which two fractions have a difference of $\frac{1}{2}$?

c) Which two fractions have a difference of $\frac{1}{12}$?

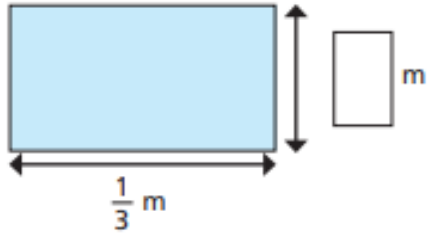
Give two possible pairs.

A = ½ and ¾
B = 1/3 and 5/6
C = 11/12 and 5/6 5/6 and 3/4

Dive deeper 3

The perimeter of the rectangle is $\frac{14}{15}$ m.

Work out the missing length.



9/15M

DIVE DEEPER

$\frac{7}{8} - \frac{1}{16} = \boxed{13/16}$

$\frac{5}{8} - \frac{1}{16} = \boxed{9/16}$

$\frac{3}{8} - \frac{1}{16} = \boxed{5/16}$

$\frac{1}{8} - \frac{1}{16} = \boxed{1/16}$

$\frac{6}{7} - \frac{2}{21} = \boxed{16/21}$

$\frac{5}{7} - \frac{4}{21} = \boxed{11/21}$

$\frac{4}{7} - \frac{6}{21} = \boxed{6/21}$

$\frac{3}{7} - \frac{8}{21} = \boxed{1/21}$

What pattern did you notice in the first two chillis?

In one chilli the numerator gets smaller by 4 every time. In two chilli the numerator goes down by 5 every time.

INTELLIGENT PRACTICE.