

$$\frac{1}{16} + \frac{5}{32} + \frac{3}{8} =$$

$$\frac{1}{4} + \frac{5}{24} + \frac{5}{12} =$$

RECALL

Complete the additions.

a) $2\frac{3}{4} + 3\frac{5}{12} =$

b) $3\frac{2}{3} + 2\frac{7}{12} =$

c) $5\frac{1}{6} + 3\frac{11}{12} =$

d) $6\frac{7}{15} + 3\frac{3}{5} =$

GUIDED
PRACTICE

LO: Adding mixed numbers .

Some will even add fractions out of context (perimeter) .

Some will add multiple mixed numbers.

Most will work in a systematic way to solve a problem.

All will complete number sentences.

LEARNING HABIT RESILIENCE. |



$$\text{a) } 2\frac{3}{4} + 3\frac{5}{12} = \square$$



$$\text{b) } 3\frac{2}{3} + 2\frac{7}{12} = \square$$



$$5\frac{1}{6} + 3\frac{11}{12} = \square$$

**INTELLIGENT
PRACTICE.**

Dive deeper 1

Here are some number cards.

$$3\frac{1}{6}$$

$$2\frac{11}{12}$$

$$2\frac{5}{6}$$

$$3\frac{5}{6}$$

$$4\frac{1}{12}$$

$$4\frac{1}{3}$$

- a) What is the greatest total you can make with two cards?
- b) What is the smallest total you can make with two cards?

Dive deeper 2

A blue ribbon is $2\frac{4}{9}$ metres long.

A yellow ribbon is $3\frac{2}{3}$ metres long.

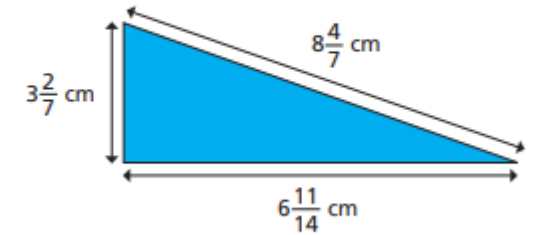


- a) What is the total length of the blue and yellow ribbon?
- b) A red ribbon is $1\frac{5}{18}$ metres longer than the yellow ribbon.
How long is the red ribbon?



Dive deeper 3

Calculate the perimeter of the triangle.



DIVE DEEPER



$$\text{a) } 2\frac{3}{4} + 3\frac{5}{12} = \boxed{6\frac{2}{12}}$$



$$\text{b) } 3\frac{2}{3} + 2\frac{7}{12} = \boxed{6\frac{3}{12}}$$



$$5\frac{1}{6} + 3\frac{11}{12} = \boxed{9\frac{1}{12}}$$

INTELLIGENT
PRACTICE
ANSWERS.

Dive deeper 1

Here are some number cards.



a) What is the greatest total you can make with two cards?

b) What is the smallest total you can make with two cards?

$$A = 8 \frac{5}{12}$$

$$B = 5 \frac{9}{12}$$

Dive deeper 2

A blue ribbon is $2\frac{4}{9}$ metres long.

A yellow ribbon is $3\frac{2}{3}$ metres long.



a) What is the total length of the blue and yellow ribbon?

b) A red ribbon is $1\frac{5}{18}$ metres longer than the yellow ribbon.

How long is the red ribbon?

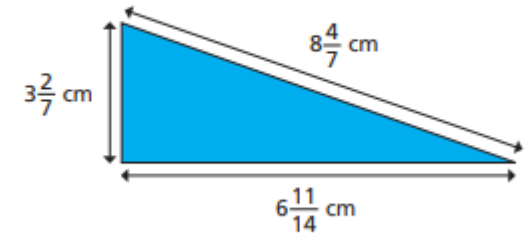


$$A = 6 \frac{1}{9}$$

$$B = 4 \frac{17}{18}$$

Dive deeper 3

Calculate the perimeter of the triangle.



$$18 \frac{9}{14}$$

DIVE DEEPER ANSWERS