Monday 29th June y5   Today we will complete <mark>lesson 3 in week 5</mark> of the y5 white rose maths: adding mixed numbers Watch the video to refresh your memory and complete the worksheet:

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

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

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

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

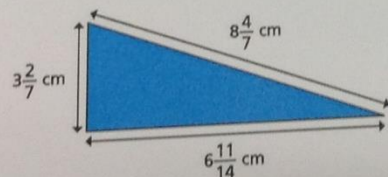a) What is the total length of the blue and yellow ribbon?

$\boxed{}$ m

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

How long is the red ribbon?

$\boxed{}$ m

6 Calculate the perimeter of the triangle.

$8\frac{4}{7}$ cm

$3\frac{2}{7}$ cm

$6\frac{11}{14}$ cm

$\boxed{}$ cm

7 Complete the calculation in three different ways.

$\boxed{}\dfrac{\boxed{}}{5} + \boxed{}\dfrac{\boxed{}}{15} = 6 + \dfrac{11}{15} = \boxed{}$

$\boxed{}\dfrac{\boxed{}}{5} + \boxed{}\dfrac{\boxed{}}{15} = 6 + \dfrac{11}{15} = \boxed{}$

$\boxed{}\dfrac{\boxed{}}{5} + \boxed{}\dfrac{\boxed{}}{15} = 6 + \dfrac{11}{15} = \boxed{}$

Compare answers with a partner.

8 Here are some number cards.

$3\frac{1}{6}$ $2\frac{11}{12}$ $2\frac{5}{6}$ $3\frac{5}{6}$ $4\frac{1}{12}$ $4\frac{1}{3}$
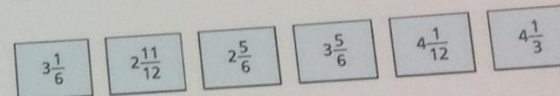
a) What is the greatest total you can make with two cards?

$\boxed{}$

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

$\boxed{}$

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

d) $6\frac{7}{15} + 3\frac{3}{5} = \boxed{10\frac{1}{15}}$

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

A yellow ribbon is $3\frac{2}{3}$ metres long.
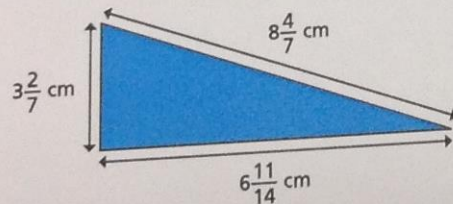
a) What is the total length of the blue and yellow ribbon?

$\boxed{6\frac{1}{9}}$ m

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

How long is the red ribbon?

$\boxed{4\frac{17}{18}}$ m

6 Calculate the perimeter of the triangle.

$8\frac{4}{7}$ cm

$3\frac{2}{7}$ cm

$6\frac{11}{14}$ cm

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

7 Complete the calculation in three different ways.

e.g.

$\boxed{1}\frac{\boxed{1}}{5} + \boxed{5}\frac{\boxed{8}}{15} = 6 + \frac{11}{15} = \boxed{6\frac{11}{15}}$

$\boxed{3}\frac{\boxed{2}}{5} + \boxed{3}\frac{\boxed{5}}{15} = 6 + \frac{11}{15} = \boxed{6\frac{11}{15}}$

$\boxed{1}\frac{\boxed{4}}{5} + \boxed{4}\frac{\boxed{14}}{15} = 6 + \frac{11}{15} = \boxed{6\frac{11}{15}}$

Compare answers with a partner.

8 Here are some number cards.

$3\frac{1}{6}$ $2\frac{11}{12}$ $2\frac{5}{6}$ $3\frac{5}{6}$ $4\frac{1}{12}$ $4\frac{1}{3}$
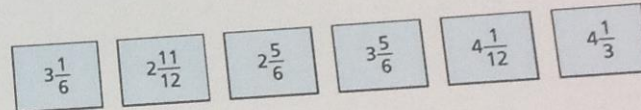
a) What is the greatest total you can make with two cards?

$\boxed{8\frac{5}{12}}$

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

$\boxed{5\frac{3}{4}}$