


Friday 25th June y5
the worksheet:


Today we will begin lesson 3 in week 5 of the y5 white rose maths: adding mixed numbers. Watch the video and complete

Add mixed numbers

1 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? _____
Talk about it with a partner.

2 Complete the calculations.

a) $1\frac{2}{5} + 2\frac{3}{10} = \square$

b) $2\frac{2}{5} + 2\frac{3}{10} = \square$

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c) $1\frac{3}{4} + 3\frac{3}{20} = \square$

e) $4\frac{1}{4} + 2\frac{11}{16} = \square$

d) $1\frac{3}{16} + 4\frac{3}{4} = \square$

f) $1\frac{4}{15} + 3\frac{2}{3} = \square$

3

 $2\frac{3}{5} + 1\frac{7}{10} = 3 + \frac{13}{10} = 3\frac{13}{10}$

How can Ron improve his answer?

4 Complete the additions.

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

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

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Add mixed numbers

- 1 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? various

Talk about it with a partner.

- 2 Complete the calculations.

a) $1\frac{2}{5} + 2\frac{3}{10} = \boxed{3\frac{7}{10}}$

b) $2\frac{2}{5} + 2\frac{3}{10} = \boxed{4\frac{7}{10}}$

c) $1\frac{3}{4} + 3\frac{3}{20} = \boxed{4\frac{9}{10}}$

e) $4\frac{1}{4} + 2\frac{11}{16} = \boxed{6\frac{15}{16}}$

d) $1\frac{3}{16} + 4\frac{3}{4} = \boxed{5\frac{15}{16}}$

f) $1\frac{4}{15} + 3\frac{2}{3} = \boxed{4\frac{14}{15}}$

3



$$2\frac{3}{5} + 1\frac{7}{10} = 3 + \frac{13}{10} = 3\frac{13}{10}$$

How can Ron improve his answer?

$$\frac{13}{10} = 1\frac{3}{10} \quad \text{so} \quad 3\frac{13}{10} = 4\frac{3}{10}$$

- 4 Complete the additions.

a) $2\frac{3}{4} + 3\frac{5}{12} = \boxed{6\frac{1}{6}}$

b) $3\frac{2}{3} + 2\frac{7}{12} = \boxed{6\frac{1}{4}}$