

I can solve fraction number sequences

What is the missing number in the sequence below?

1 $1\frac{1}{5}$ $1\frac{2}{5}$ $1\frac{3}{5}$ $1\frac{4}{5}$ $?$

What is the missing number in the sequence below?

$2\frac{3}{9}$ $2\frac{4}{9}$ $2\frac{5}{9}$ $?$ $2\frac{7}{9}$ $2\frac{8}{9}$

What is the missing number in the sequence below?

$2\frac{1}{6}$ $2\frac{1}{3}$ $?$ $2\frac{2}{3}$ $2\frac{5}{6}$ 3

What is the missing number in the sequence below?

$4\frac{3}{5}$ $4\frac{2}{10}$ $3\frac{4}{5}$ $?$ 3 $2\frac{3}{5}$

Tick the box to show where the mixed number $4\frac{3}{7}$ should go in the sequence.

$4\frac{2}{7}$, A $4\frac{4}{7}$, B $4\frac{5}{7}$, C $4\frac{6}{7}$

Tick the box to show where the mixed number $1\frac{4}{10}$ should go in the sequence.

$1\frac{3}{10}$, A $1\frac{1}{2}$, B $1\frac{6}{10}$, C $1\frac{7}{10}$

Sequence the numbers below from smallest to largest.

$2\frac{6}{8}$ $3\frac{2}{8}$ 3
 $3\frac{1}{8}$ $2\frac{5}{8}$ $2\frac{7}{8}$

Sequence the numbers below from smallest to largest.

$3\frac{4}{12}$ $3\frac{1}{2}$ $3\frac{7}{12}$
 $3\frac{5}{12}$ $3\frac{1}{6}$ $3\frac{1}{4}$

Top tip from Miss Penny
Convert all the fractions into twelfths to help you ©

Challenge

4a. Look at the sequence below.

Circle the mistake.

7	$6\frac{4}{6}$	$6\frac{1}{3}$	6	$5\frac{3}{6}$	$5\frac{2}{6}$
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Explain your reasoning.



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5a. Mr Hall shows Class 5 the sequence below.

7	$7\frac{2}{6}$	$7\frac{2}{3}$	8	$8\frac{1}{3}$	$8\frac{2}{3}$
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Lily says,



The next number in the sequence is 9.

Is she correct? Convince me.