Number Sequences

1a. Look at the sequence below.

Circle the mistake.

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

Explain your reasoning.

D R

Number Sequences

1b. Look at the sequence below.

Circle the mistake.

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

Explain your reasoning.

D R

2a. Mr Smith shows Class 5 the sequence below.

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

Bella says,

The next number in the sequence is 4.

Is she correct? Convince me.

D R

2b. Mrs Green shows Class 5 the sequence below.

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

Jake says,

The next number in the sequence is 4.

Is he correct? Convince me.

D R

3a. Sort the cards into an increasing sequence to find the card that doesn't fit.

$5\frac{5}{6}$ $6\frac{2}{6}$ $5\frac{4}{6}$

$6\frac{1}{6}$ 5 6

What is the sequence increasing by?
What is the fraction card that doesn't fit?

D PS

3b. Sort the cards into an increasing sequence to find the card that doesn't fit.

$3\frac{7}{8}$ $4\frac{1}{8}$ $3\frac{5}{8}$

$3\frac{6}{8}$ 4 $3\frac{8}{8}$

What is the sequence increasing by?
What is the fraction card that doesn't fit?

D PS