

# Friday Yellow Challenge

Amir, Dexter and Dora are counting in fractions.

$$\frac{8}{10}, \frac{9}{10}, \frac{10}{10}, \frac{11}{10}$$

What is the missing fraction?

Give two possible answers.

a)  $\frac{8}{3}, \frac{12}{3}, \frac{16}{3}, \frac{20}{3}, \boxed{\phantom{00}}, \frac{28}{3}, \frac{32}{3}$

b)  $\frac{8}{5}, \frac{12}{5}, \frac{16}{5}, \frac{20}{5}, \boxed{\phantom{00}}, \frac{28}{5}, \frac{32}{5}$

c)  $\frac{8}{7}, \frac{12}{7}, \frac{16}{7}, \frac{20}{7}, \boxed{\phantom{00}}, \frac{28}{7}, \frac{32}{7}$



Amir

The next fraction is  $\frac{12}{10}$



Dexter

The next fraction is  $1\frac{2}{10}$



Dora

The next fraction is  $1\frac{1}{5}$

a) Who is correct?

Explain your answer.

b) Compare answers with a partner.

Write these fractions in ascending order.

4	$4\frac{1}{2}$	2	$2\frac{1}{2}$	5	3	$1\frac{1}{2}$	$3\frac{1}{2}$	1
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Complete the fraction number sequence and explain the pattern.

$$10\frac{6}{7}, 8\frac{6}{7}, 6\frac{6}{7}, 4\frac{6}{7}, \boxed{\phantom{00}}$$

Mila is counting in sixths. Spot and correct her mistake.



Read the statement. Is it true or false? Prove it by drawing a number line.



$\frac{12}{5}$  comes after  $2\frac{1}{5}$  because  $2\frac{1}{5}$  is the same as  $\frac{11}{5}$ .

ths, three sixths, four sixths, five one whole, one whole and one and two sixths...

a) Look at these fraction cards. Organise them in descending order.

A 	B $\frac{27}{9}$	C $\frac{12}{9}$
D 	E 2	F $2\frac{6}{9}$