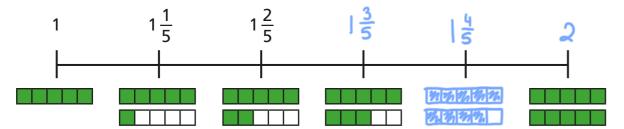
Number sequences

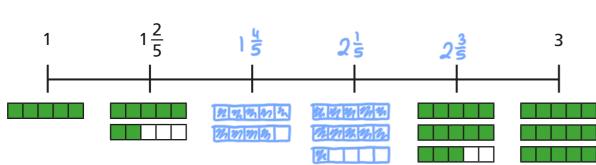


1 Complete the number lines.

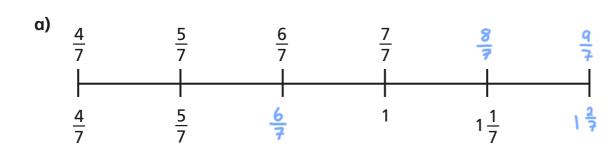
a)



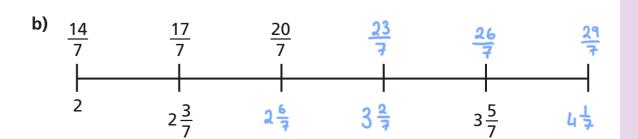
b)

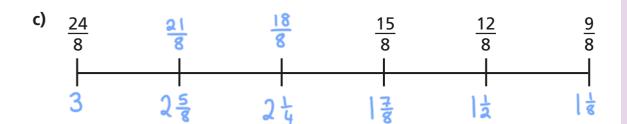


Complete the number lines.









3 Continue the sequences.

a)
$$2\frac{7}{8}$$
, $3\frac{1}{8}$, $3\frac{3}{8}$, $3\frac{5}{8}$, $3\frac{7}{8}$, $4\frac{1}{8}$

b)
$$5\frac{6}{7}$$
, $5\frac{3}{7}$, 5, $4\frac{4}{7}$, $4\frac{1}{7}$, $3\frac{5}{7}$

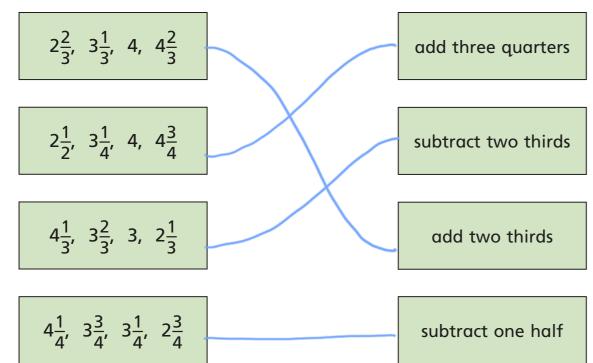
c)
$$5\frac{6}{11}$$
, $5\frac{3}{11}$, 5, $4\frac{8}{11}$, $4\frac{5}{11}$

What is the same and what is different about the sequences in parts b) and c)?

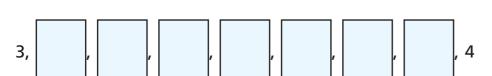
Talk about it with a partner.



4 Match each sequence to its rule.



Teddy and Rosie are finding the missing numbers in the sequence.



a)

I think the missing fractions are sevenths because there are seven blank number cards.

Do you agree with Teddy? No

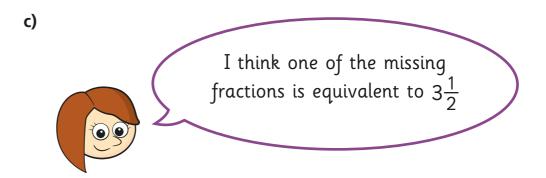
Explain your answer.

Le thoy were sevenths there would only be 6

blank cards because
$$3^{\frac{7}{4}} = 4$$

b) Complete the sequence.





d) Which other fractions in the sequence can you find equivalent fractions for?



fractions for?



I am thinking of a number sequence. The 1st and 4th terms are consecutive integers.

Write the rule for Amir's sequence.

Add one third (Accept subtract one third)

