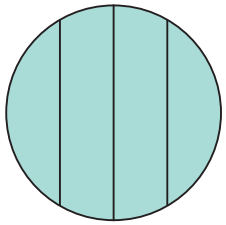
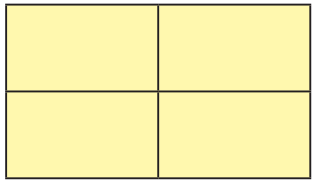
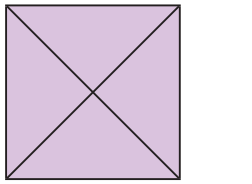
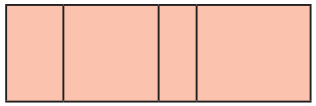
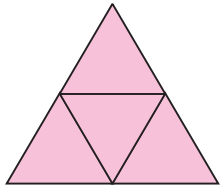
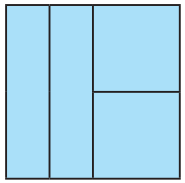
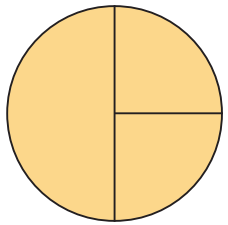
Understand the whole

1 Which shapes show equal parts?

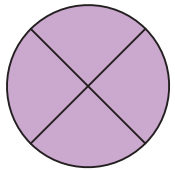





2 Complete the sentences for each shape.

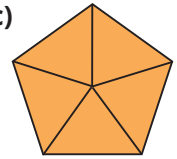
The whole is divided into ☐ equal parts.

Each part is worth $\frac{1}{\square}$

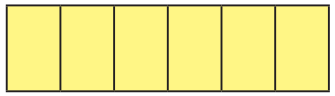
a)



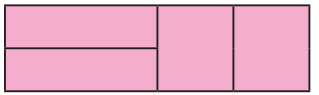
c)



b)

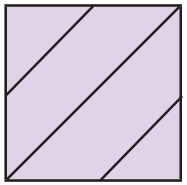


d)

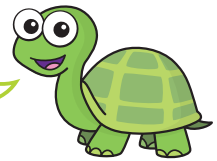


What do you notice about your answers?

3



This shape is split into quarters because there are 4 parts.

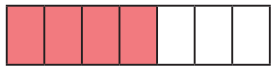


What mistake has Tiny made?

4 What fraction of each shape is shaded?

What fraction is not shaded?

a)



b)

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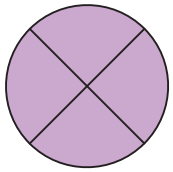
2 Complete the sentences for each shape.

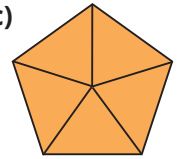
The whole is divided into ☐ equal parts.

Each part is worth $\frac{1}{\square}$

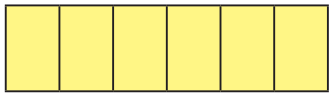
a)



c)



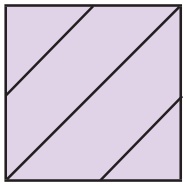
b)

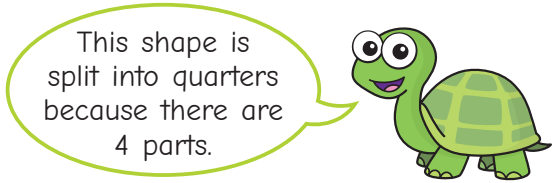


d)

What do you notice about your answers?

3





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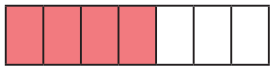
4 What fraction of each shape is shaded?

What fraction is not shaded?

a)

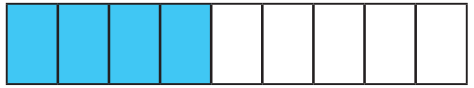


b)

c)

What do you notice?

5 **a)** Shade the bar model to make one whole.



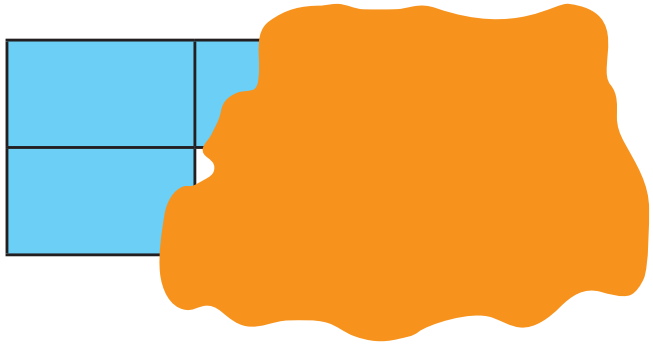
b) Complete the addition.

$\frac{4}{9} + \square = 1$

6 Complete the additions.

a) $\frac{5}{7} + \square = 1$ **b)** $\square + \frac{3}{5} = 1$ **c)** $1 = \frac{4}{11} + \square$ **d)** $1 = \square + \frac{21}{39}$

7 Filip has spilt some paint over his diagram.



What fraction could be shaded?

Is there more than one answer?

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