


To be able to understand the whole

MathShed

Starter:
Which one doesn't belong?

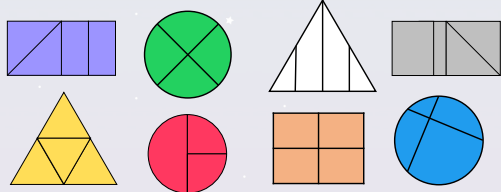


Explain your answer.

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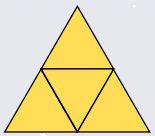
Activity 1:
Put a cross next to the representations that do not show equal parts.



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Activity 2:
Referring to the representation, complete the sentences provided.




The whole has been divided into ____ equal parts.

Each of the parts is worth ____

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Activity 2 (continued):
Referring to the representation, complete the sentences provided.




The whole has been divided into ____ equal parts.

Each of the parts is worth ____

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Activity 3:
Referring to the representations, complete the sentences provided.



The amount shaded is ____

The amount unshaded is ____




The amount shaded is ____

The amount unshaded is ____


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Activity 4:
Shade the bar models in their entirety, then complete the number sentences.



$\frac{4}{7} + \text{---} = 1$



$\frac{2}{9} + \text{---} = 1$

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Activity 5:

Complete the following adding fractions number sentences.

$$\frac{2}{7} + \frac{\quad}{\quad} = 1$$

$$\frac{\quad}{\quad} + \frac{1}{6} = 1$$

$$1 = \frac{3}{11} + \frac{\quad}{\quad}$$

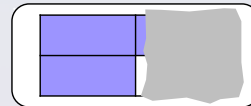
$$1 = \frac{\quad}{\quad} + \frac{23}{37}$$

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Activity 6:

Chen has covered part of his fraction representation.

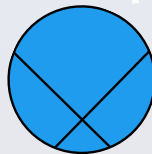
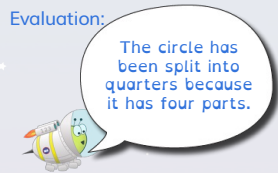


What fraction is shaded? What fraction is unshaded?
Are there multiple possible answers? Explain your answer.

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Evaluation:



Do you agree?
Explain your answer.