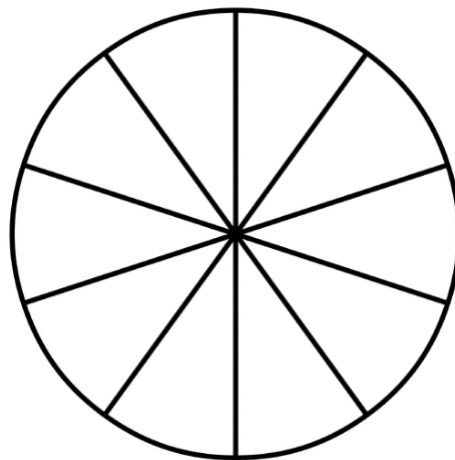
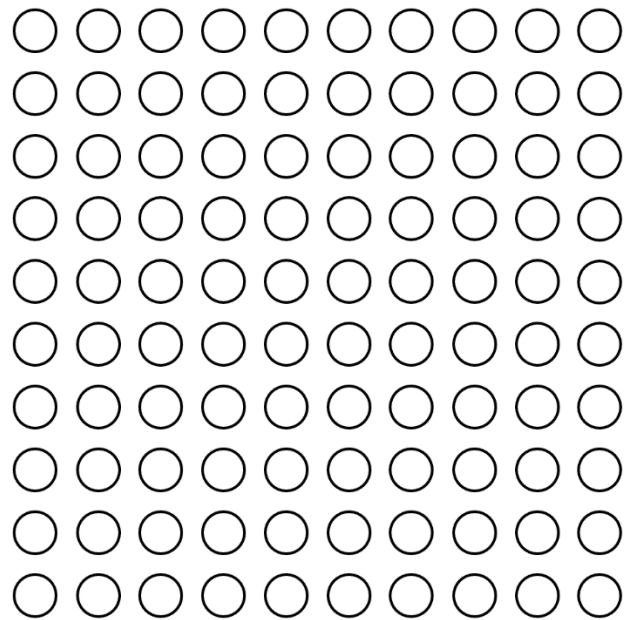
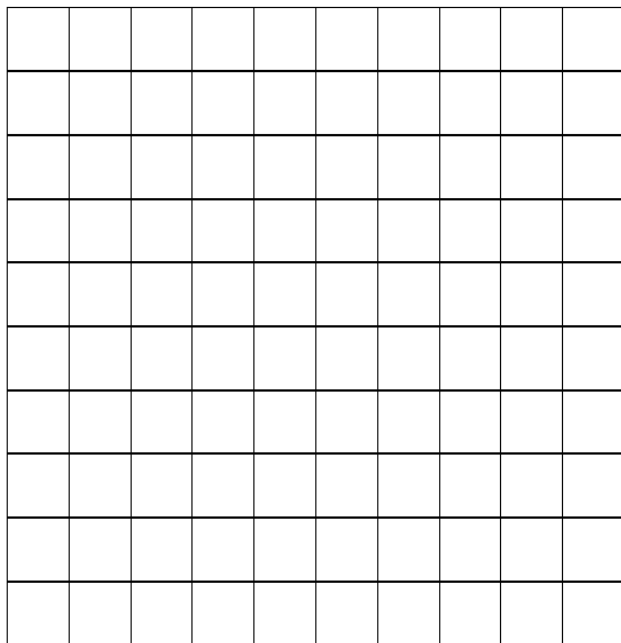
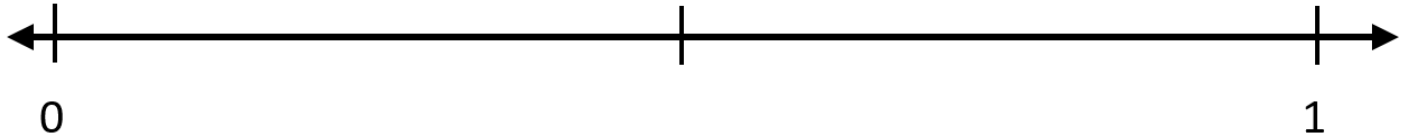


Grade 4+: Number Sense B

Names: _____ Date: _____

Collaborative Task:

Represent 0.6 and 0.06 in more than one way using any of the models shown below.

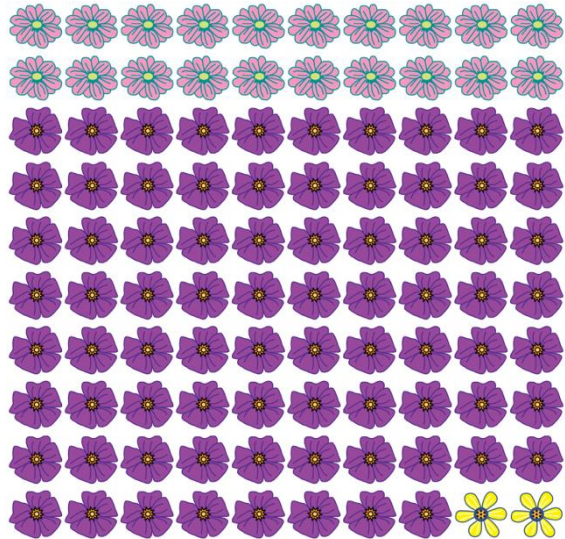


Grade 4+: Number Sense B

Names: _____ Date: _____

Collaborative Task:

Describe how 0.2 and 0.02 are shown in this arrangement of flowers.

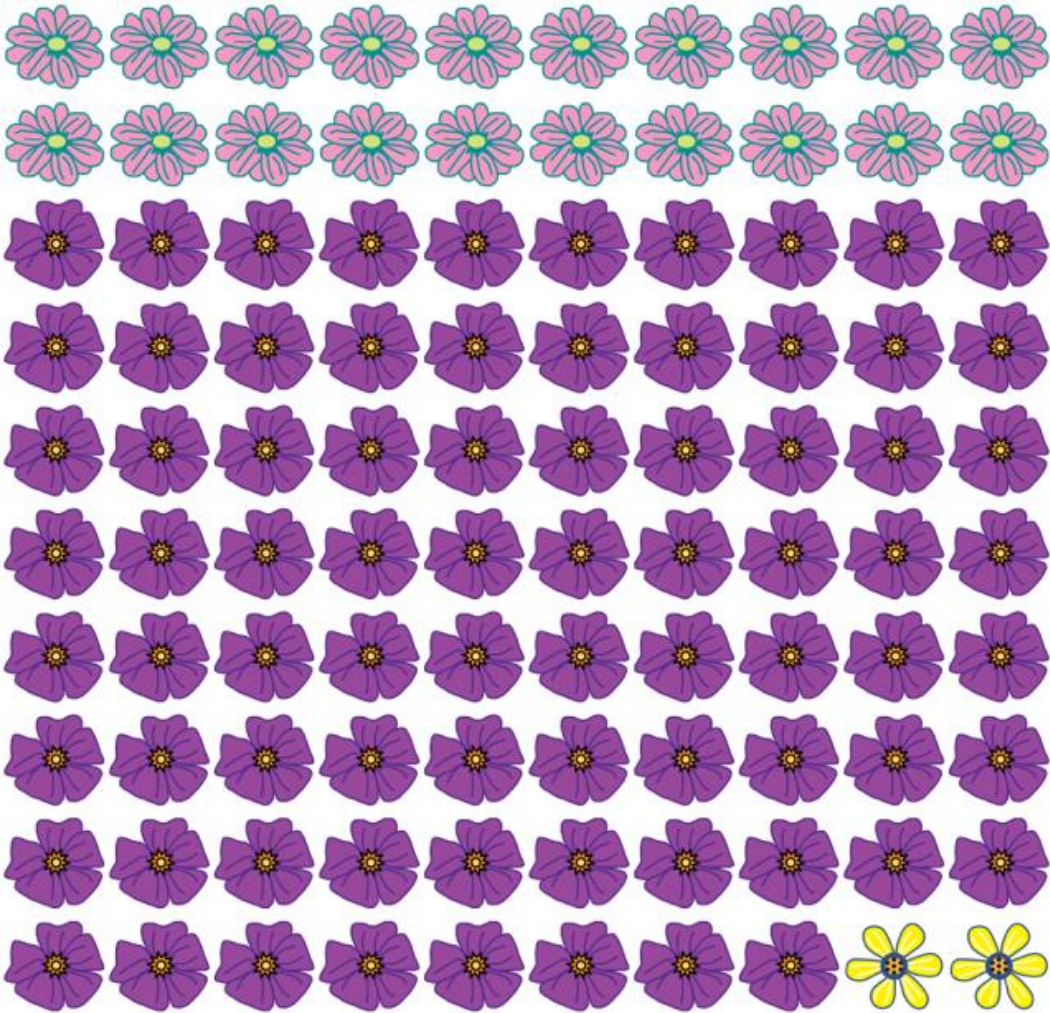


Why are there two ways to use decimals to describe the light pink flowers?

Offer two ways to use decimals to describe the yellow flowers?

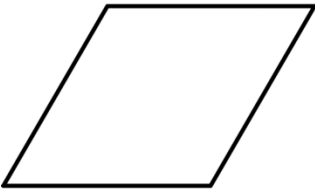
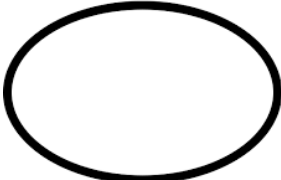

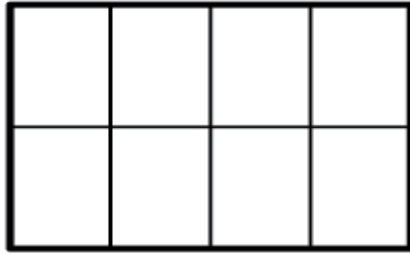
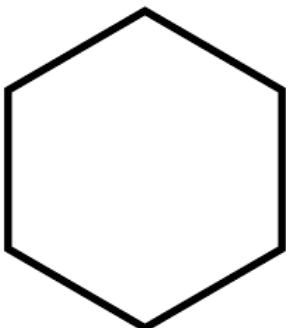
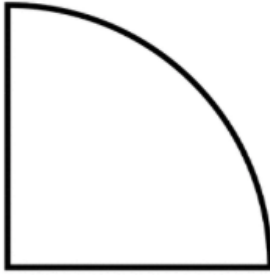

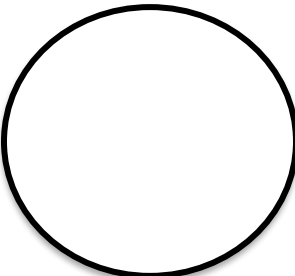
What other decimal numbers can you use to describe the flower arrangement?

What decimals can describe parts of the picture? Which can't?



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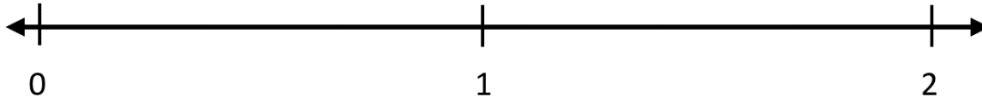
Name: _____

Assessment Questions	Reflections
<p>1. Shade $\frac{3}{4}$ of each shape.</p>    	
<p>2. Shade $\frac{1}{3}$ of each shape.</p>    	

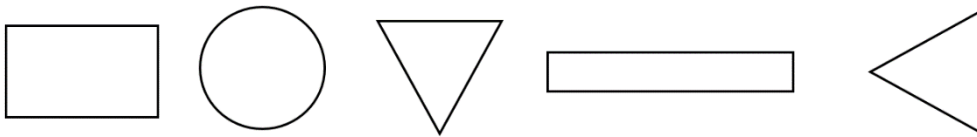
3. Place each common fraction on the number line:

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

Show or explain how you know.



4. Shade $\frac{2}{5}$ of **this set**.



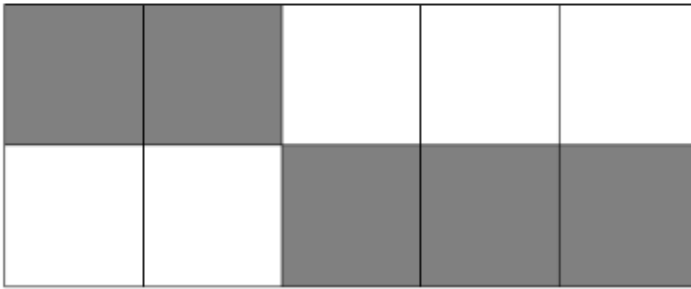
5. How are these fractions alike and how are they different?
Use pictures, number and words to show your thinking.

$$\frac{1}{2} \quad \frac{7}{8}$$

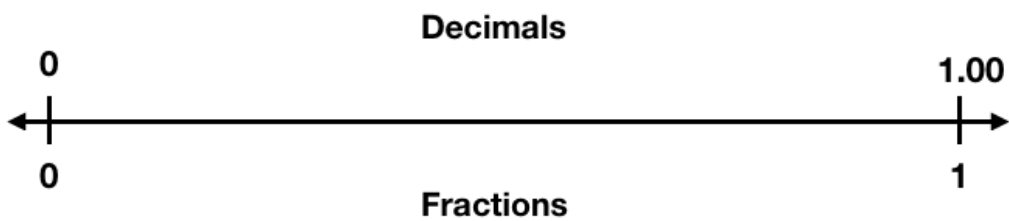
6. How do people use fractions and decimals in their daily lives?

7. Is 0.44 closer to 0.5 or 0.4? Show your thinking.

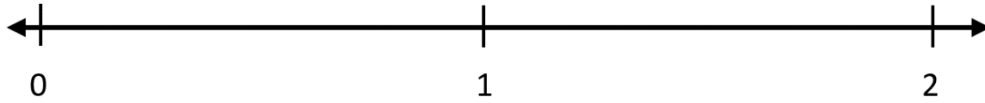
8. What fraction of the diagram is shaded?



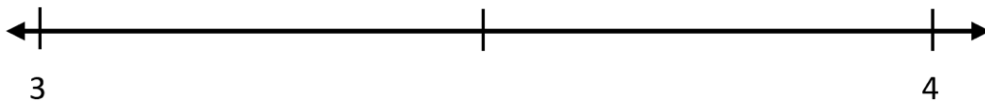
9. A fraction and a decimal are quite close together on a number line.
What might the two numbers be?
Record your choice of one decimal and one fraction on the number line.



10. Place each common fraction on the number line: $\frac{1}{3}$ $\frac{2}{3}$ $\frac{5}{6}$
Show or explain how you know.



11. Place each decimal number on the number line: 3.5 , 3.12 , 3.4 , 3.75
Show or explain how you know.



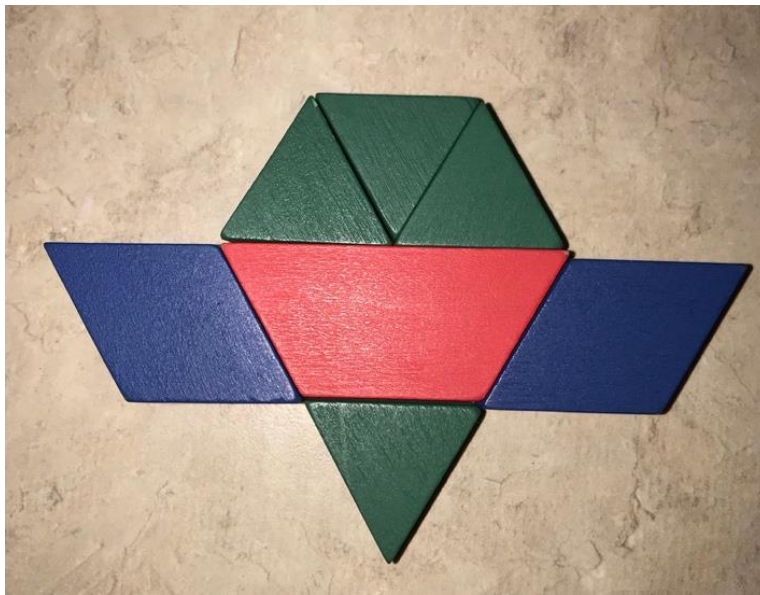
12. You add two numbers and the answer is 4.1. What might the numbers be?

Grade 4+: Number Sense B

Name: _____

Performance Task:

What fractions do you see in this picture?



What fractions do you find easy to model with pattern blocks?

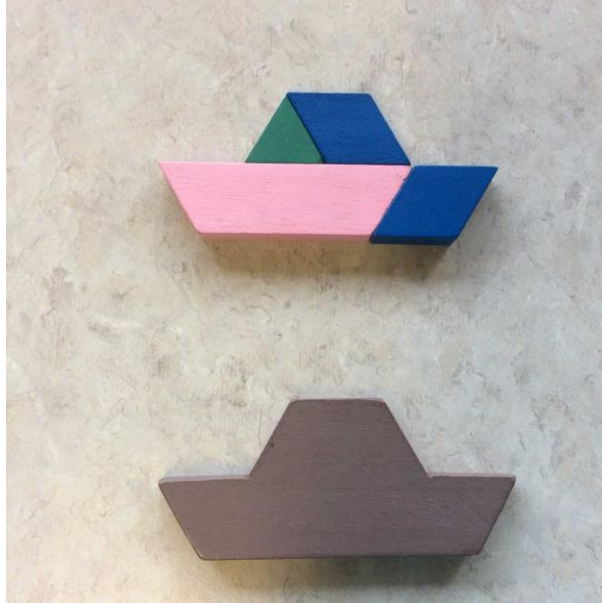
What fractions are *not* as easy to model?

Name three fractions less than one half. How do you know they are less than one half?

Grade 4+: Number Sense B

Name: _____

Performance Task:



If the **brown block represents one whole**, name and describe the fraction parts of the coloured blocks using common fractions and decimals.

Share your reasoning using both fraction and decimal understanding.