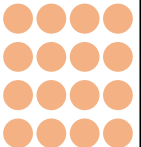
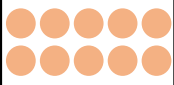
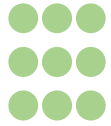
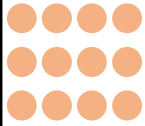


Multiply 3 Digits by 1 Digit

1. Order these calculations from smallest to largest according to their answers.

Hundreds	Tens	Ones
		

Hundreds	Tens	Ones
		

Hundreds	Tens	Ones
		

A.

	2	4	1
x			4
			0
		0	0

B.

	4	5	3
x			2
			0
		0	0

C.

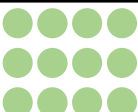
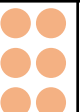
	3	4	2
x			3
			0
		0	0

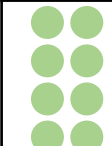
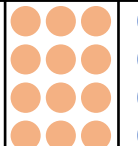


VF
HW/Ext

2. Which calculation is the odd one out?

Hundreds	Tens	Ones
		

Hundreds	Tens	Ones
		

Hundreds	Tens	Ones
		

A.

	3	1	2
x			2
			4
		2	0
	5	0	0
	5	2	4

B.

	4	2	1
x			3
			3
		6	0
1	2	0	0
1	2	6	3

C.

	2	3	3
x			4
		1	2
	1	2	0
	8	0	0
	9	3	2



VF
HW/Ext

3. Zara thinks that both of the multiplications below are correct.

	3	9	6
x			5
		3	0
	4	5	0
1	5	0	0
1	9	8	0

	4	7	8
x			4
		2	3
	2	8	0
1	6	0	0
1	9	0	3

Do you agree? Explain your answer.

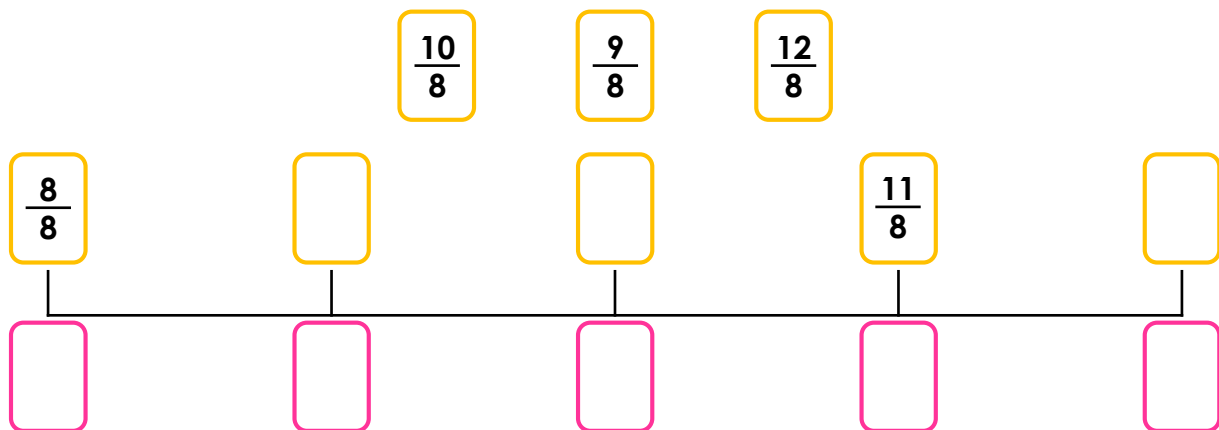


1

RPS
HW/Ext

Count in Fractions

1. Use the fraction cards to complete the top of the number line.



Now complete the bottom of the number line using mixed numbers.



VF
HW/Ext

2. A fraction sequence starts at $\frac{4}{6}$ and increases by $\frac{1}{6}$ each time.



Start

What is the fifth number in the sequence?



VF
HW/Ext

3. Harriet is thinking of a fraction sequence.



My sequence starts with a mixed number
between 1 and 2.

The number increases by $\frac{1}{4}$ each time.

Write the first four fractions in Harriet's sequence. Find a second possibility.

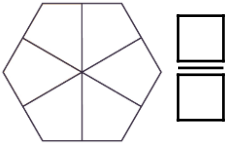


RPS
HW/Ext

What is a Fraction?

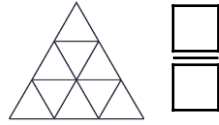
1. Shade the shapes to represent the fractions below.

A.



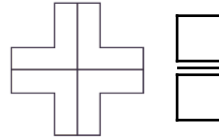
$\frac{1}{3}$

B.



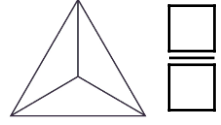
$\frac{1}{4}$

C.



$\frac{1}{6}$

D.



$\frac{1}{9}$

Write the correct fraction next to each shape.



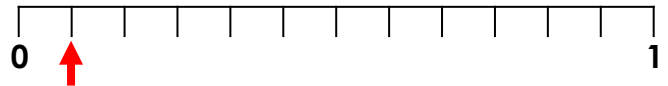
VF
HW/Ext

2. Match the number lines to the representations.

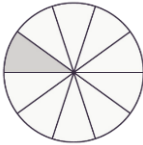
A.

Out of 8 cats, 1 is ginger.

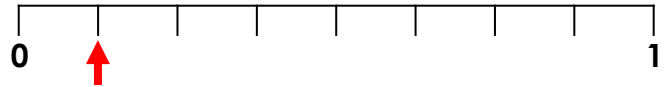
1.



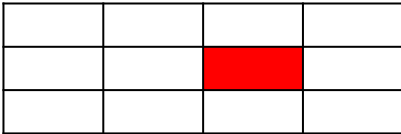
B.



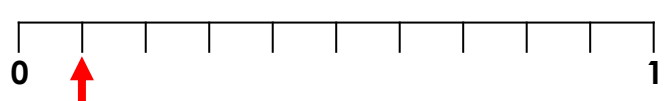
2.



C.



3.



VF
HW/Ext

3. Ken and Cami are discussing the fraction represented below.



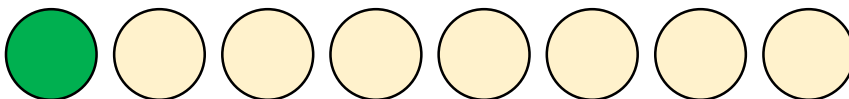
Ken

I think the fraction is $\frac{1}{7}$.



Cami

I think the fraction is $\frac{1}{8}$.



Who is correct? Explain your reasoning.



RPS
HW/Ext

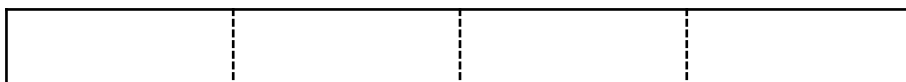
Equivalent Fractions 1

1. Use the bar models to help you find the equivalent fractions.

A. $\frac{2}{8} = \frac{\boxed{}}{\boxed{}}$

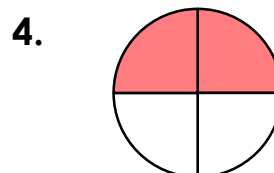
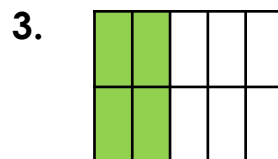
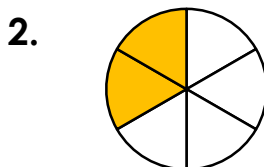
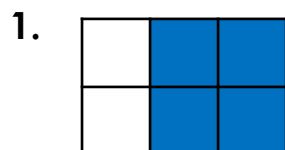
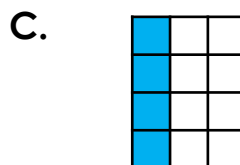
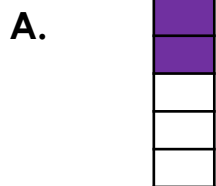
B. $\frac{2}{4} = \frac{\boxed{}}{\boxed{}}$

C. $\frac{8}{8} = \frac{\boxed{}}{\boxed{}}$



VF
HW/Ext

2. Match each shaded fraction to the equivalent shaded fraction.



VF
HW/Ext

3. Fay and Andrew are discussing Naomi's fraction which is written below.



Fay

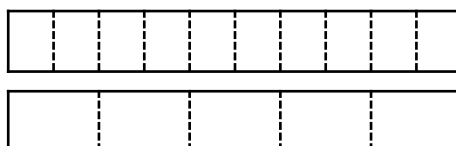
I think $\frac{4}{5}$ is an equivalent fraction.

$\frac{4}{10}$

I think $\frac{2}{5}$ is an equivalent fraction.



Andrew



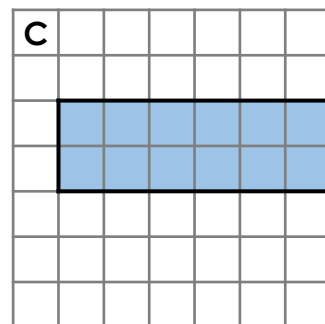
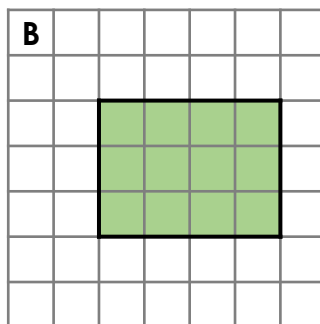
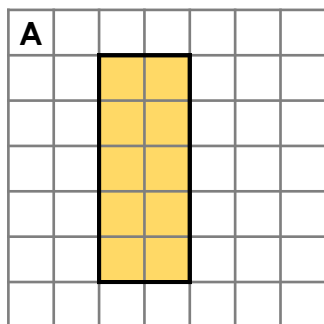
Who is correct? Explain how you know.



RPS
HW/Ext

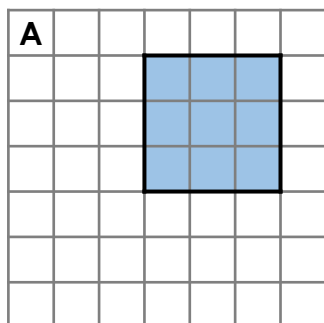
Comparing Area

1. Find the two shapes below with the same area.

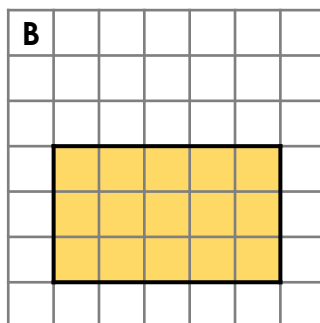


VF
HW/Ext

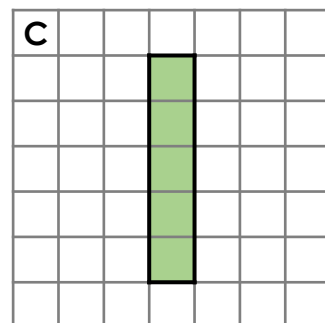
2. Which two shapes below must swap places for the inequality symbols to be correct?



>

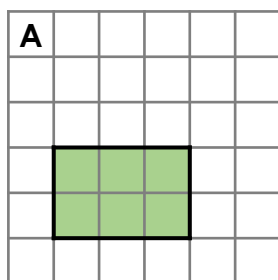


>

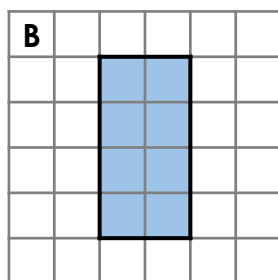


VF
HW/Ext

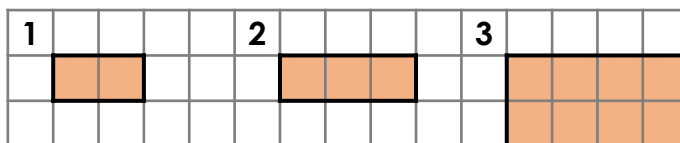
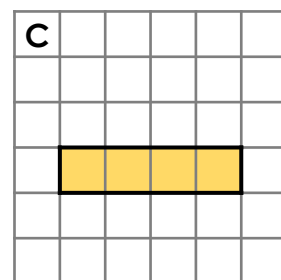
3. Add a set of the extra squares below to each shape to make the inequality symbols correct. You must use each set of extra squares once.



<



<

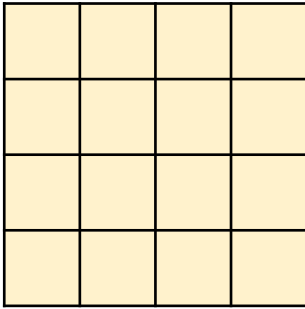


RPS
HW/Ext

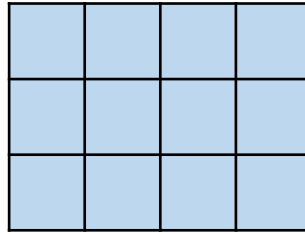
Counting Squares

1. Count the squares in the shapes below to find the odd one out. Circle your answer.

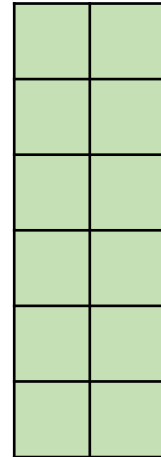
A.



B.

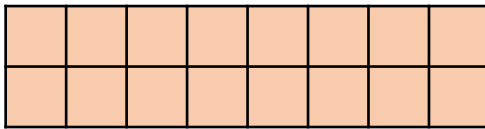


C.



VF
HW/Ext

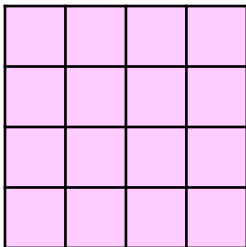
2. Tick the shape that will make the statement correct.



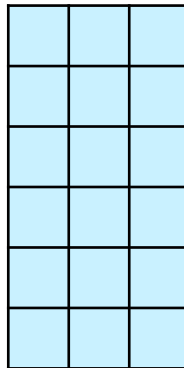
<

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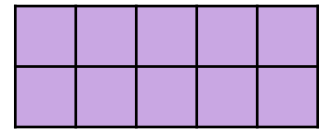
A.



B.



C.



VF
HW/Ext

3. Lyn and Anders have both drawn a 4-sided shape. They are discussing the areas of their starting shapes after they accidentally spill some juice over the paper!



Lyn

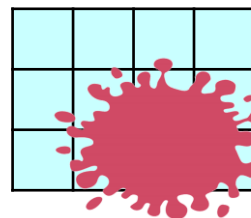
My shape had the largest area because it was 10 squares wide.



My shape had the largest area because its area is 12.



Anders



Who is correct? Convince me.



RPS
HW/Ext

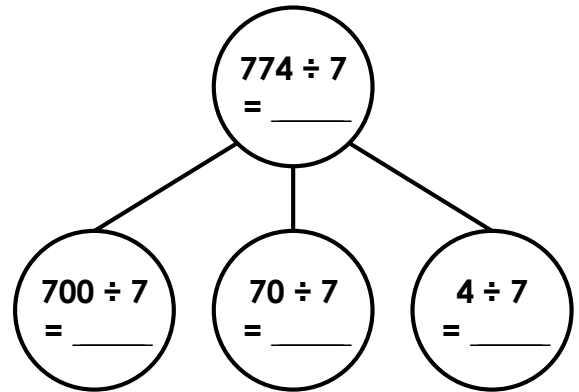
Divide 3 Digits by 1 Digit

1. Aleena has solved the calculation $774 \div 7$ using a part-whole model.

She says,



My answer has a remainder of 3.

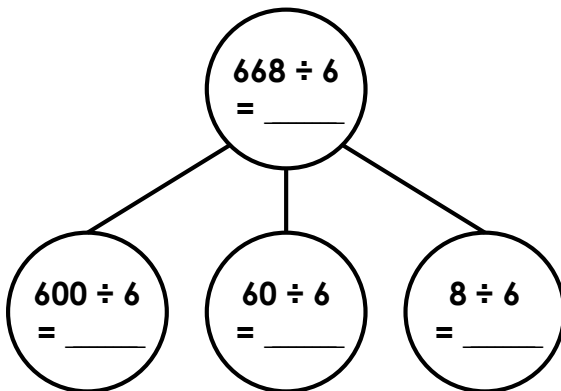


Find and correct Aleena's mistake.



VF
HW/Ext

2. Compare the two division models by adding $<$, $>$ or $=$ to the box.



$559 \div 5$

H	T	O	
100	10	1	1
100	10	1	1
100	10	1	1
100	10	1	1
100	10	1	1



VF
HW/Ext

3. Lee is comparing the following calculations. He writes the statement below.

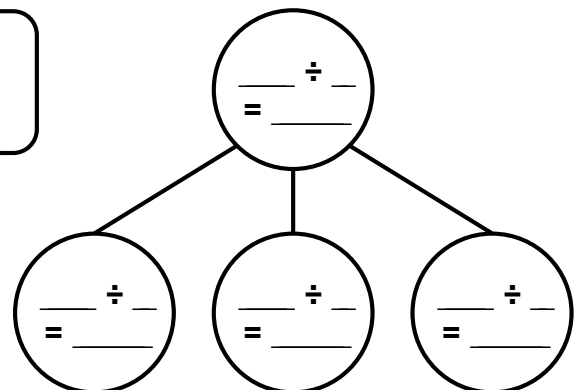


Calculation A is the odd one out as it has a different answer to the others.

A. $449 \div 4 =$

B. $779 \div 7 =$

C. $557 \div 5 =$



Do you agree with Lee? Explain your answer using the blank part-whole model.



RPS
HW/Ext