- Class index
- Class welcome
- Class & safety rules
- Daily Math routine
- Outcomes
- Starter
- Lesson explanation
- Real Word Problem
- Differentiation
- Plenary + HOT question
- Enrichment activity

EXPO 2020 DUBAI UAE

Welcome to Math's Class Grade 3

2021

My Calendar

2022

Day	Date	Month	Year
	31		2021

Today the weather is…

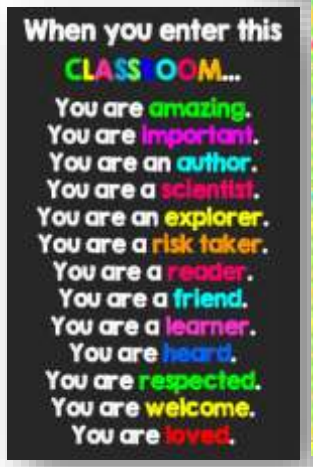
Date		
3	2	1
6	5	4
9	8	7
3	2	1
	0	

weather

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

- Introduction
- Anthem
- Attendance
- Calendar
- Covid-19 safety
- Class rules
- Student well being
- Outcomes & Success Criteria
- STREAM Vocabulary
- Starter: Prior learning, video, vocabulary
- Main Activity
- Critical Thinking
- Differentiated Activities
- Plenary
- Self-Assessment
- Enrichment
- Exit ticket



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Lesson 8-4 :understand fractions of different wholes

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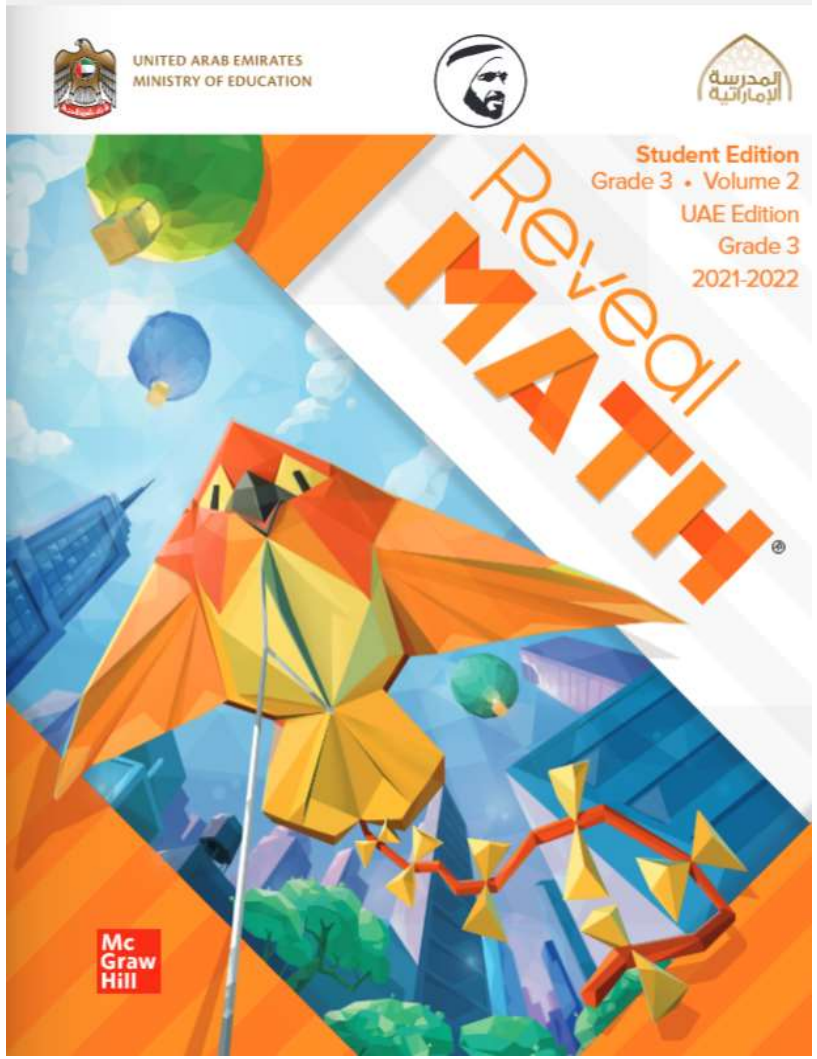
Objectives:

I can compare fractions of different wholes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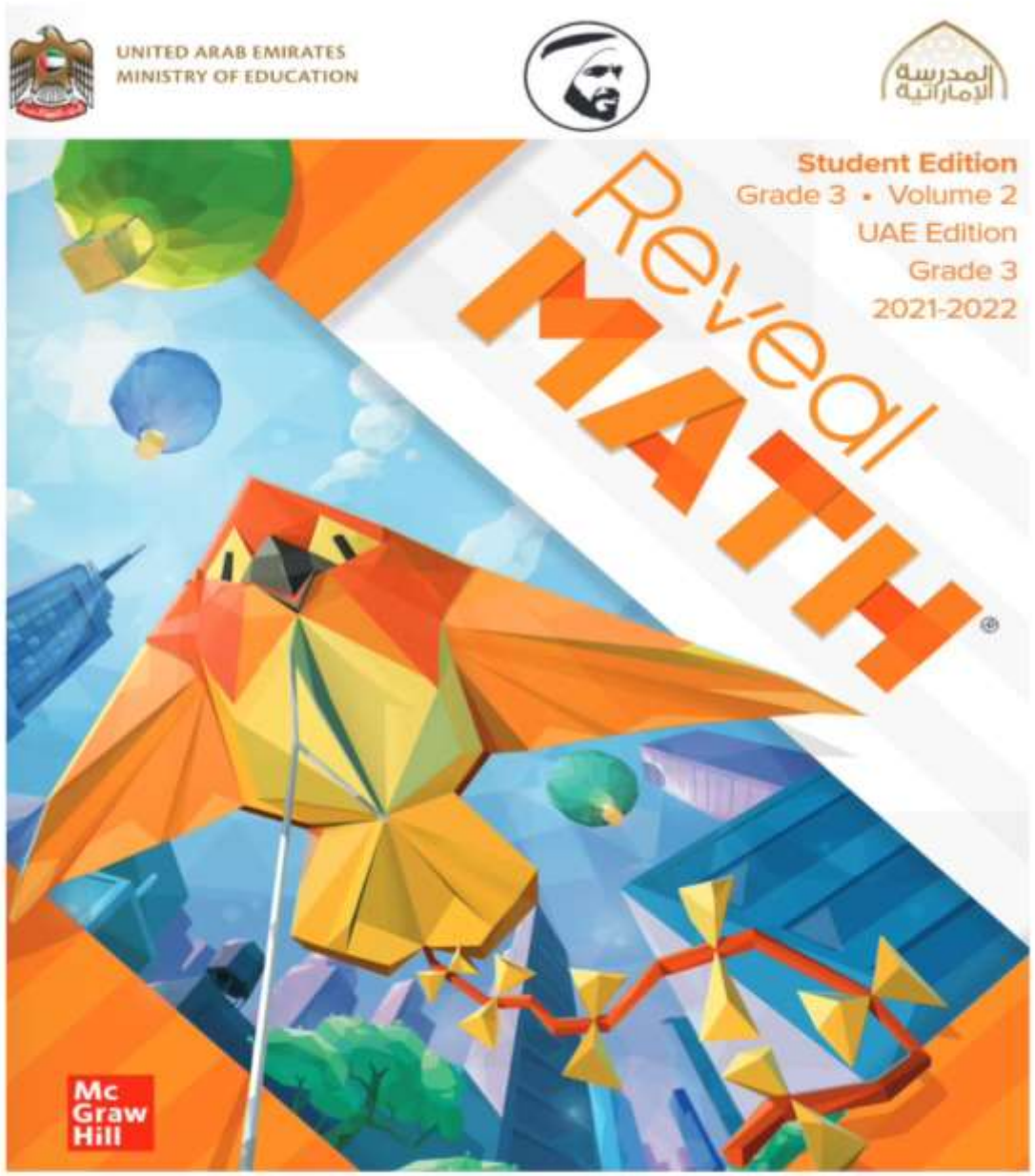

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Unit 8
Lesson 4

Learning Outcome

Learning Targets

- I can compare fractions when they refer to the same whole.
- I can explain why you can compare fractions only when they refer to the same whole.

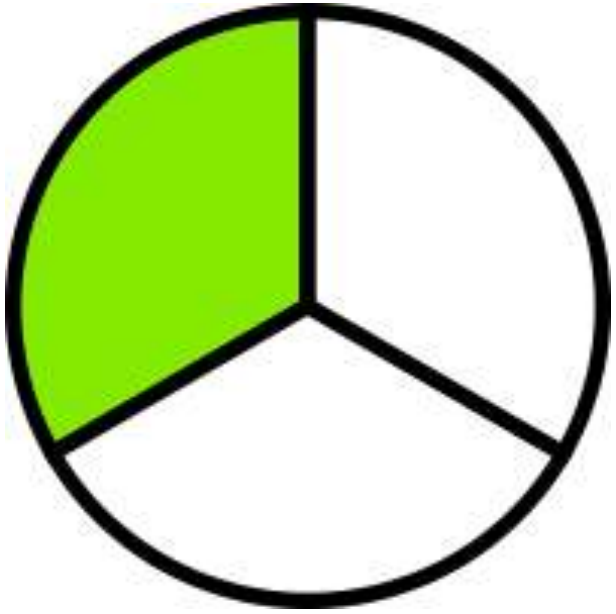
Vocabulary

Equivalent

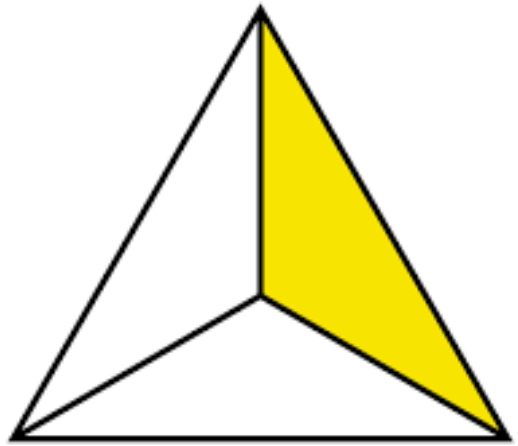
Comparison

Numerator

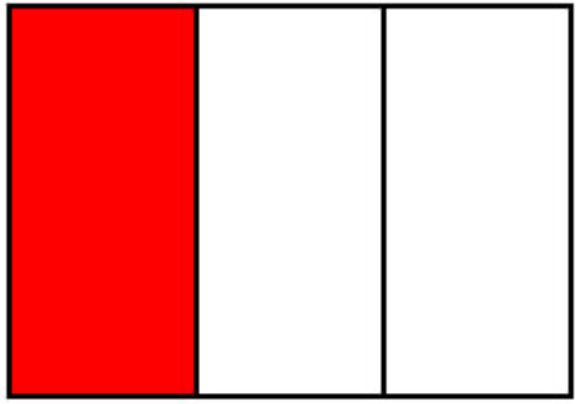
Denominator



$\frac{1}{3}$



$\frac{1}{3}$



$\frac{1}{3}$

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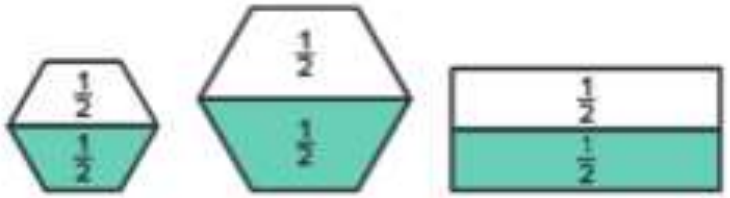
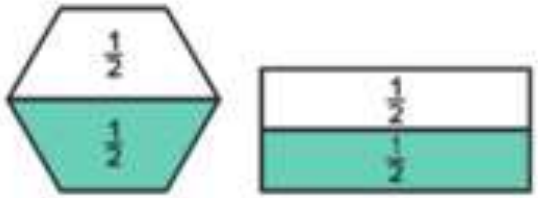
Learn

Hector says that the shaded part of each figure represents the same amount.

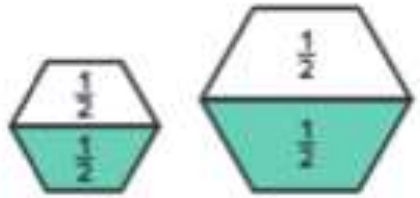


How do you respond to Hector's statement?

The wholes are not the same shape. $\frac{1}{2}$ of the hexagon does not represent the same amount as $\frac{1}{2}$ of the rectangle.



The wholes are not the same size. $\frac{1}{2}$ of the small hexagon does not represent the same amount as $\frac{1}{2}$ of the large hexagon.



To compare fractions, the wholes must be the same shape and size.

Math is... Precision

What whole could be used to compare to $\frac{1}{2}$ the rectangle?

You can compare fractions only when they refer to the same whole.

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Work Together

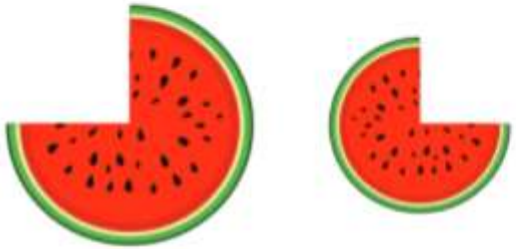
Cale walks $\frac{1}{2}$ the distance from his house to school. Sophia walks $\frac{1}{2}$ the distance from her house to school. Do you have enough information to decide whether they walked the same distance? Explain your reasoning.

No, I can not, until I know the distance from their houses to school.

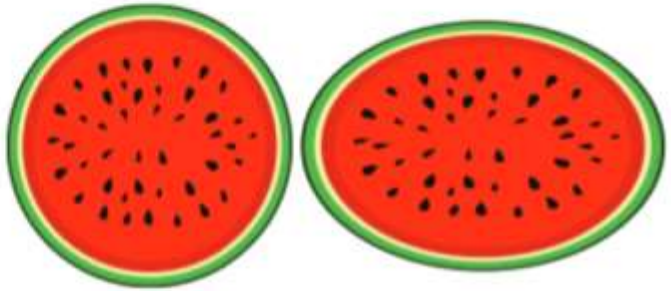
On My Own

Name _____

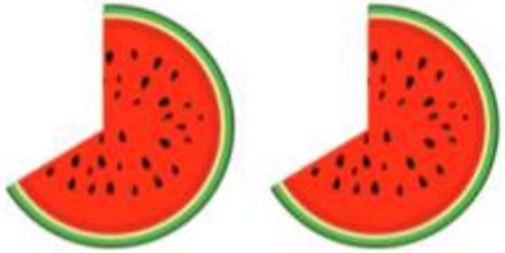
Are the parts equivalent? Write *yes* or *no*.

1. 

No

2. 

No

3. 

yes

4.

yes

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5. Shenae eats $\frac{1}{3}$ of her sandwich. Brody eats $\frac{1}{3}$ of his sandwich. What do you need to know to determine if Shenae and Brody eat the same amount?

I need to know the size and shape of the sandwiches to compare.

6. Blayke said she was $\frac{1}{2}$ the height of her brother. Drew said he was $\frac{1}{2}$ the height of his sister. Do you have enough information to decide if the children are the same height? Explain your reasoning.

No, I need to know all their heights to be able to compare.

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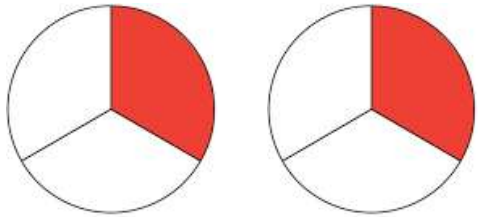
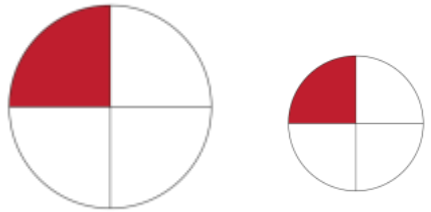
How can you draw a picture to match the statement?

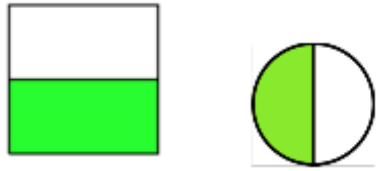
7. Two models of $\frac{1}{3}$ that represent the same amount.



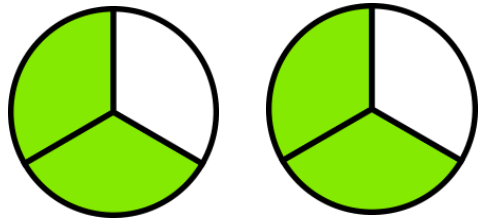
8. Two models of $\frac{1}{4}$ that do not represent the same amount.



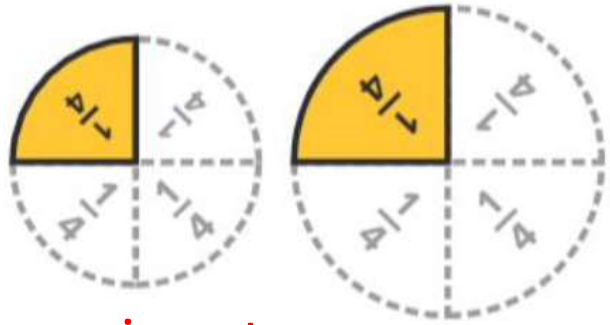
9. Two models of $\frac{1}{2}$ that do not represent the same amount.



10. Two models of $\frac{2}{3}$ that represent the same amount.



11. Do the fraction circles represent the same amount? Why or why not?



No, the fractions are the same but the shape is not.

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12. **Extend Your Thinking** Kara swam $\frac{1}{3}$ the distance of a 100-meter race. Marcus swam $\frac{1}{3}$ the distance of a 500-meter race. Did Kara and Marcus swim the same number of meters? Explain.

No, the reaces are different distances.

Does this make sense?