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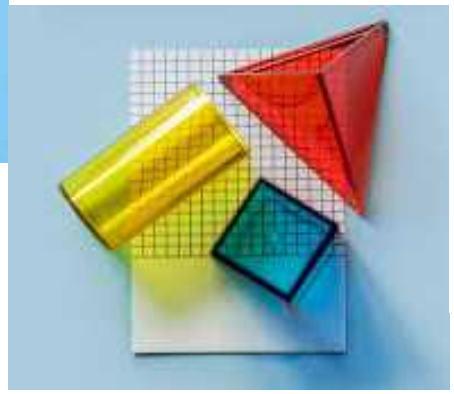
Erasmus+ Call: 2019 - KA2 -



3D printing technology aims students understanding maths and recycling procedure

O2_1st Curricula of Maths: Fractions

Compare Fractions

Outline

- Compare and Order fractions
- To Remember ….
- Activities
- Videos

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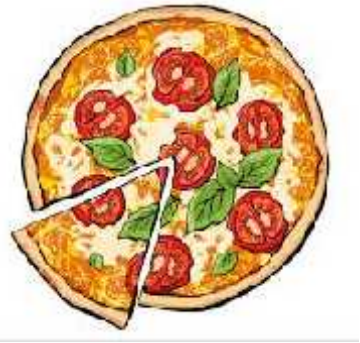
FRACTIONS…
WHITCH ONE IS GREATER?

ACTIVITY 1

- ❑ George ordered two pizzas, one pizza “Margarita” and one “Pepperoni”. Lucia ate 2/8 of Margarita pizza and Patricia ate 3/8 of pepperoni pizza. Lucia clamed that she ate less than Patricia. Do you agree?
- ❑ George ate 3/6 of the pepperoni pizza. Did he eat more than Patricia?
- ❑ If George ate 7/8 of the pizza, Lucia 3/4 and Patricia 5/6, witch one ate the most?



Students Print

- ✓ 1 circle
- ✓ 8 equal parts of the circle
- ✓ 6 equal parts of the circle

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To remember…

How to compare fractions

- **Like fractions**

  The fraction with the greatest numerator is the largest.

- **Unike fractions**
  - Same numerator, Different denominator: the fraction with the smaller denominator is the largest.
  - Different numerator, Different denominator: We first convert them into like fractions, and then we compare them.
  - An improper fraction is larger than any proper fraction.

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ACTIVITY 2

Veronica had 24 chocolates. She gave 1/2 to Paulina and 1/6 to Rose.

- ❑ **Write down the whole in terms of 8 and in terms of 6.**
- ❑ **How many chocolates did she give to Paulina?**
- ❑ **How many chocolates did she give to Rose?**
- ❑ **How many chocolates did she have left?**

ACTIVITY 3

Arrange the following fractions from least to greatest.

a. $\frac{21}{7}, \frac{21}{10}, \frac{21}{3}, \frac{21}{8}, \frac{21}{5}$

b. $\frac{3}{5}, \frac{8}{15}, \frac{5}{10}, \frac{20}{30}, \frac{7}{5}$

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ACTIVITY 4

Compare the following fractions:

- ❑ **a.** $\frac{1}{2}, \frac{1}{4}$ **b.** $\frac{3}{4}, \frac{2}{4}$ **c.** $\frac{2}{3}, \frac{5}{9}$
- ❑ **a.** $\frac{5}{6}, \frac{5}{7}$ **b.** $\frac{1}{8}, \frac{4}{8}$ **c.** $\frac{1}{6}, \frac{2}{4}$
- ❑ **a.** $\frac{3}{4}, \frac{3}{6}$ **b.** $\frac{3}{7}, \frac{1}{7}$ **c.** $\frac{3}{4}, \frac{4}{5}$

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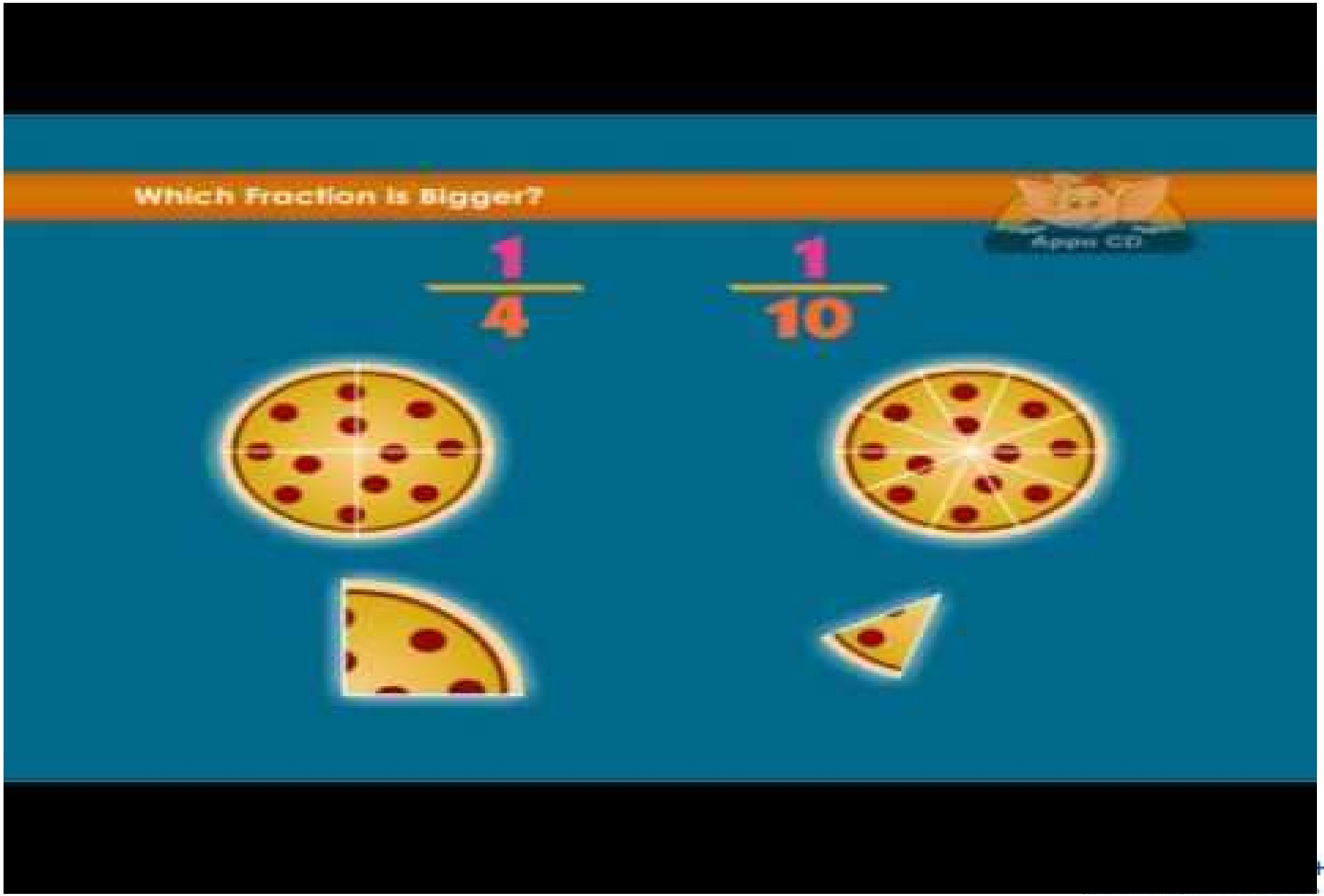
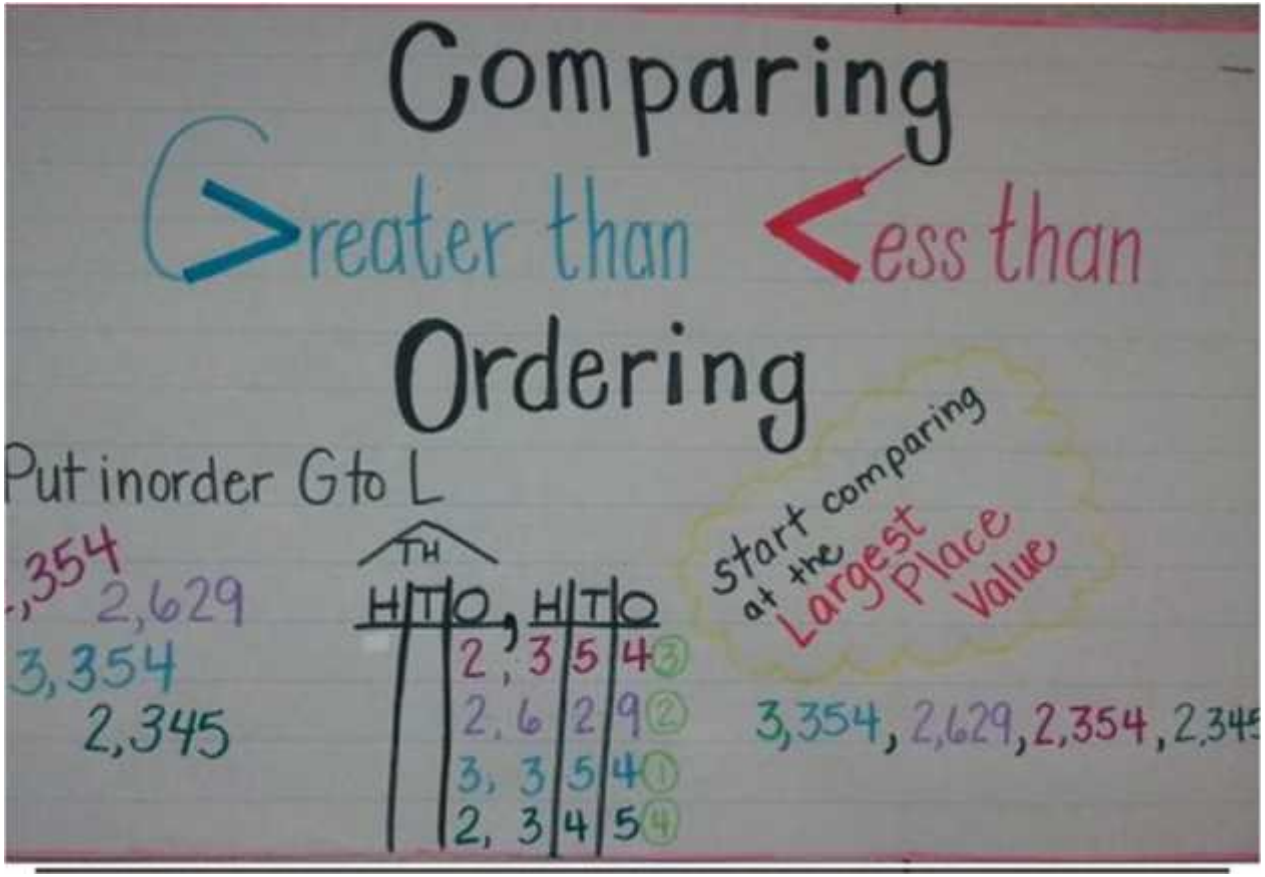
ΙΚΥ


Which Fraction is Bigger?
1
4
1
10

Videos



- Compare Fractions with same numerator

https://youtu.be/2BxsmPo-zXI

- Compare fractions with different denominators

https://www.youtube.com/watch?v=nH7s9SIjwus

- Compare and Order Fractions

https://www.youtube.com/watch?v=nH7s9SIjwus