3RD GRADE MATH NEWSLETTER

Feb.—April 2016

Our Unit 4 Math Concepts

⁎ Locate equivalent (equal) fractions on a number line (with dominators 2, 3, 4, 6, 8).

⁎ Generate and explain equivalent fractions using visual fraction models, e.g., interpret 1/4 of a group of 12 pennies as 3 pennies: Ⓟ Ⓟ Ⓟ Ⓟ Ⓟ Ⓟ Ⓟ Ⓟ Ⓟ Ⓟ Ⓟ Ⓟ (see the 4 equal sub-groups as fourths).

⁎ Generate and explain whole numbers as fractions, and locate them as fractions on a number line.

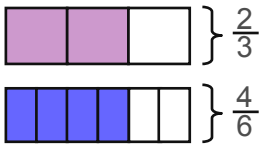
⁎ Compare two fractions with the same numerator or the same denominator using the symbols >, =, <.

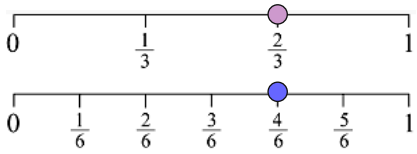
⁎ Find the area of a plane figure understanding that unit squares are used to measure area of a rectilinear drawing.

⁎ **Fluently multiply and divide within 50, using the relationship between multiplication and division (e.g., if 44 ÷ 2 equals 22, then 22 × 2 must equal 44).**

Equivalent Fractions

We will continue our work with fractions in Unit 4. In third grade we now extend onto equivalent fractions. But, we do so with pictures and number lines! It is a lot easier to see if a picture, or fractions on a number line are equivalent rather than something as abstract as just numbers. For example:





Models:

- Identify Equivalent Fractions
- Generate Equivalent Fractions

Number Lines:

- Identify Equivalent Fractions
- Generate Equivalent Fractions

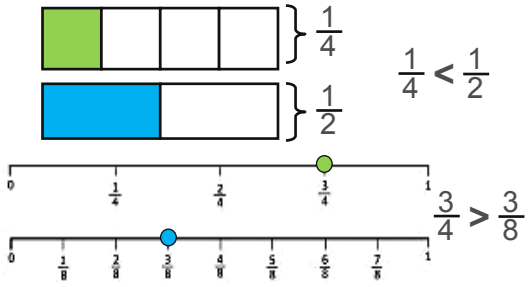
Whole Numbers:

- Fractions Equivalent to 1
- Fractions Equiv. to Whole No.

Keep practicing math facts!! ***Math Facts Pro*** ***PlayKidGames***

Comparing Fractions

› *Using pictures (models) and number lines, are incredibly helpful when comparing fractions. Ex:*



Compare using the Same Numerator

Compare using the Same Denominator

i-Ready at Home

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