

Name: _____

Different Denominators Review

Remember: You can only add and subtract fractions with like denominators.

1. John and Guillermo shared a pizza. Guillermo ate $\frac{3}{5}$ of the pizza, and John ate $\frac{1}{3}$ of it. What fraction of the pizza was *left over*?
2. Two fractions that have different denominators sum (add up) to $\frac{1}{3}$. If one fraction is $\frac{1}{4}$, what is the other fraction?
3. Can you find two fractions with the same numerator and different denominators that sum to $\frac{7}{12}$?
4. Find two unit-fractions (fractions with numerators of 1) that sum to $\frac{5}{12}$.
5. Write a fraction that is greater than $\frac{3}{7}$ and has a denominator that is less than 7

Write a fraction that is greater than $\frac{3}{7}$ and has a denominator that is greater than 7.

Write a fraction that is greater than $\frac{3}{7}$ and has 7 as its denominator.

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Part of Group Review

6. **REMEMBER:** A fraction can be **part of a group** as well as part of a whole.

For example, if I have a group of 24, then $\frac{1}{3}$ of the group is $\frac{1}{3}$ of 24.

$\frac{1}{3}$ of 24 means: Divide 24 into 3 equal parts, and take 1 of them.

$\frac{2}{3}$ of 24 means: Divide 24 into 3 equal parts, and take 2 of them.

$$\frac{1}{3} \text{ of } 24 = \underline{\hspace{2cm}}$$

$$\frac{2}{3} \text{ of } 24 = \underline{\hspace{2cm}}$$

$$\frac{1}{5} \text{ of } 25 = \underline{\hspace{2cm}}$$

$$\frac{3}{5} \text{ of } 30 = \underline{\hspace{2cm}}$$

$$\frac{3}{4} \text{ of } 36 = \underline{\hspace{2cm}}$$

$$\frac{5}{8} \text{ of } 48 = \underline{\hspace{2cm}}$$

$$.1 \text{ of } 50 = \underline{\hspace{2cm}}$$

$$.3 \text{ of } 50 = \underline{\hspace{2cm}}$$

Do you see what's going on? Taking **a fraction of a whole number** is the same as **multiplying the whole number by the fraction**.

7. You have 144 jellybeans remaining from Easter. If you give your sister $\frac{1}{6}$ of them and eat $\frac{1}{4}$ of them yourself, how many will you have left?