



Name _____

Date _____

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Comparing Fractions with Different Denominators

Word Problems

(4.NF.2)

Directions: Solve the following word problem using numbers, pictures (model drawings), and words. ☺

During a family gathering, a family member brought over two cakes. Your family ate $\frac{1}{3}$ of each cake. Shade each cake to show how much was eaten. Explain whether or not you can compare what is left to eat on each cake.

Cake 1 Shade $\frac{1}{3}$

Cake 2 Shade $\frac{1}{3}$



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① How many pieces are shaded in cake 1? _____

② How many pieces are unshaded in cake 1? _____

③ How many pieces are shaded in cake 2? _____

④ How many pieces are unshaded in cake 2? _____

⑤ Explain whether or not you can compare what is left to eat on each cake.



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KEY

- ① 10
- ② 20
- ③ 12
- ④ 24
- ⑤ You cannot compare the amounts in this problem because the fractions are not referring to the same whole amounts. Each cake was a different size.