Feast Day Fraction Problems

4th Grade · Math

Level 3 · Challenge: fraction word problems

Name: _____ Date: _____

Example

Rename both fractions with a common denominator, compare, then **answer the question in a sentence**. Remember: you can only compare fractions of the **same-size whole**.

1. At the family feast, Ava ate **3/8** of an apple pie. Her cousin Leo ate **2/5** of a same-size pie. Who ate more pie?

2. Grandpa walked **5/6** of a mile before dinner. Grandma walked **3/4** of a mile. Who walked farther?

3. The road trip map shows **7/10** of the trip done by lunch on Day 1 and **3/5** done by lunch on Day 2 of a different, same-length trip. Which trip was farther along at lunch?

4. Mia filled **4/6** of a pitcher with cider. Jonah filled **8/12** of the same size pitcher. Who poured more cider?

5. A corn bread pan is cut into equal pieces. Sam ate **2/9** of the pan and Ruby ate **1/3**. Who ate less?

6. Two bags of rolls are the same size. One bag is **5/12** full. The other is **1/2** full. Which bag has more rolls?

Safari Challenge

Write your own feast fraction story where the fraction with the **bigger denominator** is the **bigger amount**.

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ANSWER KEY

Level 3 · Challenge: fraction word problems

Name: _____ Date: _____

Example

Rename both fractions with a common denominator, compare, then **answer the question in a sentence**. Remember: you can only compare fractions of the **same-size whole**.

1. At the family feast, Ava ate **3/8** of an apple pie. Her cousin Leo ate **2/5** of a same-size pie. Who ate more pie?

   3/8 = 15/40 and 2/5 = 16/40, so 3/8 < 2/5. Answer: Leo.

2. Grandpa walked **5/6** of a mile before dinner. Grandma walked **3/4** of a mile. Who walked farther?

   5/6 = 10/12 and 3/4 = 9/12, so 5/6 > 3/4. Answer: Grandpa.

3. The road trip map shows **7/10** of the trip done by lunch on Day 1 and **3/5** done by lunch on Day 2 of a different, same-length trip. Which trip was farther along at lunch?

   7/10 = 7/10 and 3/5 = 6/10, so 7/10 > 3/5. Answer: Day 1 trip.

4. Mia filled **4/6** of a pitcher with cider. Jonah filled **8/12** of the same size pitcher. Who poured more cider?

   4/6 = 8/12 and 8/12 = 8/12, so 4/6 = 8/12. Answer: Both are equal.

5. A corn bread pan is cut into equal pieces. Sam ate **2/9** of the pan and Ruby ate **1/3**. Who ate less?

   2/9 = 2/9 and 1/3 = 3/9, so 2/9 < 1/3. Answer: Sam.

6. Two bags of rolls are the same size. One bag is **5/12** full. The other is **1/2** full. Which bag has more rolls?

   5/12 = 5/12 and 1/2 = 6/12, so 5/12 < 1/2. Answer: the 1/2 bag.

Safari Challenge

Write your own feast fraction story where the fraction with the **bigger denominator** is the **bigger amount**. **Sample: 5/8 of a pie vs 1/2 of a pie; 5/8 > 4/8.**

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