



## Comparing Fractions and Decimals Word Problems

Grade 5

Name: \_\_\_\_\_

Compare fractions and decimals. Solve word problems.

**Example:** Tom has 0.5 of a pizza. Sarah has  $\frac{1}{2}$  of a pizza. Do they have the same amount? YES ( $0.5 = \frac{1}{2}$ )

(1) A water bottle is 0.5 full. Is this the same as being  $\frac{1}{2}$  full?

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(2) Sarah needs 0.75 meters of fabric. Her mom has  $\frac{3}{4}$  meter. Does her mom have enough?

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(3) John ate 0.25 of an apple. His sister ate  $\frac{1}{4}$  of an apple. Who ate more?

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(4) A recipe calls for 1.0 cup of flour. Is this the same as 1 whole cup of flour?

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(5) Mark drank 0.5 liters of juice. Lisa drank  $\frac{3}{4}$  liters of juice. Who drank less?

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(6) A red ribbon is 0.25 feet long. A blue ribbon is 0.5 feet long. Which ribbon is shorter?

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(7) A small garden plot is  $\frac{1}{2}$  acre. Another plot is 0.75 acre. Which plot is larger?

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(8) David has  $\frac{1}{4}$  of a dollar. Emily has 0.75 of a dollar. Who has more money?

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