



Comparing Fractions and Decimals Word Problems

Grade 4

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) Maya used 0.5 meters of fabric. Liam used $\frac{1}{2}$ meter of fabric. Did they use the same amount?

(2) A small carton has 0.25 liters of juice. A large carton has $\frac{1}{4}$ liter of juice. Which carton has more juice?

(3) David has 0.75 dollars. Emily has $\frac{3}{4}$ of a dollar. Who has more money?

(4) A water bottle is 1.0 full. Is it completely full?



(5) For a party, 0.5 of a cake was eaten. For another party, $\frac{3}{4}$ of a cake was eaten. At which party was more cake eaten?

(6) Sarah has $\frac{1}{2}$ meter of red ribbon. Tom has 0.25 meters of blue ribbon. Who has a longer ribbon?

(7) A chef poured 0.75 cups of milk into a recipe. A baker poured $\frac{1}{2}$ cup of milk. Who poured more milk?

(8) Mark planted flowers in $\frac{1}{4}$ of his garden. Lisa planted vegetables in 0.5 of her garden. Who used more of their garden space?

