



Comparing Fractions and Decimals Word Problems

Grade 3

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) Lily drank 0.5 liters of juice. Mark drank $\frac{1}{2}$ liter of juice. Did they drink the same amount?

- (2) A red ribbon is 0.25 feet long. A blue ribbon is $\frac{1}{4}$ foot long. Which ribbon is longer?

- (3) Sarah used 0.75 of a can of paint. David used $\frac{3}{4}$ of a can of paint. Who used more paint?

- (4) A whole cake is 1.0. If you eat 1 whole cake, did you eat all of it?



(5) My garden plot is 0.5 acre. My neighbor's plot is $\frac{1}{4}$ acre. Whose garden is bigger?

(6) Mia has 0.75 dollars. Tom has $\frac{1}{2}$ dollar. Who has more money?

(7) Kevin ran $\frac{1}{4}$ mile. Lisa ran 0.5 mile. Who ran a shorter distance?

(8) A pizza has $\frac{3}{4}$ left. Another pizza has 0.25 left. Which pizza has more left?

