

# Multiplying Fractions

1) On Friday night, John ate pizza for dinner and had  $\frac{1}{2}$  of the pizza left over. On Saturday, he ate  $\frac{1}{3}$  of what was left. How much pizza did John eat on Saturday?

- a.  $\frac{1}{2}$
- b.  $\frac{1}{4}$
- c.  $\frac{1}{6}$
- d. 1 whole

2) In Sally's grade,  $\frac{2}{3}$  of the students have a sister. Of the students who have a sister,  $\frac{1}{2}$  also have a brother. What fraction of the students in Sally's grade has both a sister and a brother?

- a.  $\frac{1}{3}$
- b.  $\frac{1}{2}$
- c.  $\frac{1}{5}$
- d.  $\frac{2}{3}$

3) Justin operates an orange juice stand. On Monday he used  $\frac{3}{4}$  of a bag of oranges. On Tuesday he used  $\frac{1}{10}$  as many oranges as he did on Monday. How much of the bag of oranges did Justin use on Tuesday?

- a.  $\frac{2}{20}$
- b.  $\frac{1}{4}$
- c.  $\frac{3}{8}$
- d.  $\frac{3}{40}$

4) The elephants at the Norfolk Zoo are fed  $\frac{1}{4}$  a barrel of corn each day. The buffalo are fed  $\frac{3}{10}$  as much corn as the elephants. How much of the barrel of corn are the buffalo fed each day?

- a.  $\frac{3}{4}$
- b.  $\frac{3}{17}$
- c.  $\frac{3}{40}$
- d.  $\frac{3}{32}$

