Fraction Word Problems: Simplest Form

Write the answer to each word problem in simplest form.

1. Tadashi had a veggie pizza that was cut into 8 equal pieces. He ate 2 pieces and left the other 6 in the box. What fraction of the pizza did he eat? answer:

2. Ivy had collected 14 acorns and placed them in a bucket. A squirrel took 7 of them. What fraction of the acorns were taken by the squirrel? answer:

3. Mrs. Selleck baked a cake and cut it into 10 equal pieces. Her family ate 6 pieces and she took the rest to her next-door neighbor. What fraction of the cake was given to her neighbor? answer:

4. Dr. Tinibu has 10 t-shirts. 2 of them are clean and 8 are dirty. What fraction of Dr. Tinibu’s shirts are clean? answer:

5. Peppa has a carton with a dozen eggs in it. 6 eggs are brown. The rest are white. What fraction of her eggs are white? answer:

6. There are 20 horses at the Old West Ranch. 4 of them are in the barn. The rest are out in the field. What fraction of the horses are in the barn? answer:

7. Mr. Montinaro is reading a booklet with 15 pages in it. He is just finished reading page 10. What fraction of those pages does he still have to read? answer:

8. There are 9 jackets in the lost & found box. 2 jackets are green. 1 is red. The rest are black. What fraction of the jackets are black? answer:

9. Charlotte made a bologna sandwich and cut it into 4 equal pieces. She ate 2 pieces. What fraction of the sandwich did she eat? answer:

10. Raúl had 8 pencils. 2 of them had been sharpened. The rest had not. What fraction of his pencils had not been sharpened? answer:

11. Hiro had a bowl with 12 apples in it. 5 apples were red. 3 apples were yellow. The rest were green. What fraction of his apples were green? answer:

12. Paul spelled 6 out of 16 words correctly on his spelling test. What fraction of the words did he misspell? answer:
Write the answer to each word problem in simplest form.

1. Tadashi had a veggie pizza that was cut into 8 equal pieces. He ate 2 pieces and left the other 6 in the box. What fraction of the pizza did he eat?
   answer: \( \frac{2}{8} = \frac{1}{4} \)

2. Ivy had collected 14 acorns and placed them in a bucket. A squirrel took 7 of them. What fraction of the acorns were taken by the squirrel?
   answer: \( \frac{7}{14} = \frac{1}{2} \)

3. Mrs. Selleck baked a cake and cut it into 10 equal pieces. Her family ate 6 pieces and she took the rest to her next-door neighbor. What fraction of the cake was given to her neighbor?
   answer: \( \frac{4}{10} = \frac{2}{5} \)

4. Dr. Tinibu has 10 t-shirts. 2 of them are clean and 8 are dirty. What fraction of Dr. Tinibu’s shirts are clean?
   answer: \( \frac{2}{10} = \frac{1}{5} \)

5. Peppa has a carton with a dozen eggs in it. 6 eggs are brown. The rest are white. What fraction of her eggs are white?
   answer: \( \frac{6}{12} = \frac{1}{2} \)

6. There are 20 horses at the Old West Ranch. 4 of them are in the barn. The rest are out in the field. What fraction of the horses are in the barn?
   answer: \( \frac{4}{20} = \frac{1}{5} \)

7. Mr. Montinaro is reading a booklet with 15 pages in it. He is just finished reading page 10. What fraction of that pages does he still have to read?
   answer: \( \frac{5}{15} = \frac{1}{3} \)

8. There are 9 jackets in the lost & found box. 2 jackets are green. 1 is red. The rest are black. What fraction of the jackets are black?
   answer: \( \frac{6}{9} = \frac{2}{3} \)

9. Charlotte made a bologna sandwich and cut it into 4 equal pieces. She ate 2 pieces. What fraction of the sandwich did she eat?
   answer: \( \frac{2}{4} = \frac{1}{2} \)

10. Raúl had 8 pencils. 2 of them had been sharpened. The rest had not. What fraction of his pencils had not been sharpened?
    answer: \( \frac{6}{8} = \frac{3}{4} \)

11. Hiro had a bowl with 12 apples in it. 5 apples were red. 3 apples were yellow. The rest were green. What fraction of his apples were green?
    answer: \( \frac{4}{12} = \frac{1}{3} \)

12. Paul spelled 6 out of 16 words correctly on his spelling test. What fraction of the words did he misspell?
    answer: \( \frac{10}{16} = \frac{5}{8} \)