

**Grade: 5**

**Subject: Math**

**Topic: Fractions**

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**Practice4Genius**

**1. What fraction represents 3 out of 4 equal parts?**

- A)  $\frac{3}{4}$
- B)  $\frac{1}{4}$
- C)  $\frac{4}{3}$
- D)  $\frac{1}{3}$

**2. Which fraction is equivalent to  $\frac{1}{2}$ ?**

- A)  $\frac{1}{3}$
- B)  $\frac{2}{4}$
- C)  $\frac{3}{4}$
- D)  $\frac{4}{1}$

**3. If you eat 2 slices of a pizza cut into 8 slices, what fraction of the pizza did you eat?**

- A)  $\frac{8}{2}$
- B)  $\frac{2}{8}$
- C)  $\frac{6}{8}$
- D)  $\frac{2}{6}$

**4. Which fraction is greater:  $\frac{1}{4}$  or  $\frac{1}{2}$ ?**

- A)  $\frac{1}{4}$
- B)  $\frac{1}{2}$
- C) They are equal
- D) Cannot be determined

**5. Maria read  $\frac{3}{5}$  of her book. What fraction of the book does she have left to read?**

- A)  $\frac{2}{5}$
- B)  $\frac{3}{5}$
- C)  $\frac{5}{3}$
- D)  $\frac{8}{5}$

**6. What is  $\frac{1}{3} + \frac{1}{3}$ ?**

- A)  $\frac{1}{6}$
- B)  $\frac{2}{3}$
- C)  $\frac{1}{9}$
- D)  $\frac{2}{6}$

**7. What is  $\frac{1}{2} - \frac{1}{4}$ ?**

- A)  $\frac{1}{4}$
- B)  $\frac{1}{2}$
- C)  $\frac{3}{4}$
- D) 0

**8. John ate  $\frac{1}{4}$  of a cake, and his sister ate  $\frac{2}{4}$  of the cake. How much cake did they eat in total?**

- A)  $\frac{1}{4}$
- B)  $\frac{2}{4}$
- C)  $\frac{3}{4}$
- D)  $\frac{4}{4}$

**9. Simplify the fraction  $\frac{6}{8}$ .**

- A)  $\frac{6}{8}$
- B)  $\frac{3}{4}$
- C)  $\frac{2}{3}$
- D)  $\frac{1}{2}$

**10. Which fraction is smaller:  $\frac{2}{3}$  or  $\frac{3}{4}$ ?**

- A)  $\frac{2}{3}$
- B)  $\frac{3}{4}$
- C) They are equal
- D) Cannot be determined

**11. David walked  $\frac{1}{2}$  a mile to school and  $\frac{1}{4}$  of a mile to the park. How far did he walk in total?**

- A)  $\frac{1}{6}$  mile
- B)  $\frac{1}{4}$  mile
- C)  $\frac{3}{4}$  mile
- D)  $\frac{1}{8}$  mile

**12. What is  $\frac{2}{5} + \frac{3}{10}$ ?**

- A)  $\frac{5}{15}$
- B)  $\frac{7}{10}$
- C)  $\frac{1}{2}$
- D)  $\frac{5}{10}$

**13. What is  $\frac{5}{6} - \frac{1}{3}$ ?**

- A)  $\frac{4}{3}$
- B)  $\frac{1}{2}$
- C)  $\frac{4}{6}$
- D)  $\frac{1}{3}$

**14. A recipe calls for  $\frac{1}{2}$  cup of sugar and  $\frac{1}{4}$  cup of flour. How much more sugar than flour is needed?**

- A)  $\frac{1}{4}$  cup
- B)  $\frac{1}{2}$  cup
- C)  $\frac{3}{4}$  cup
- D) 1 cup

**15. If a pie is cut into 12 slices and you eat 5 slices, what fraction of the pie is left?**

- A)  $\frac{5}{12}$
- B)  $\frac{7}{12}$
- C)  $\frac{5}{7}$
- D)  $\frac{12}{5}$

**16. What is  $\frac{1}{2} \times \frac{1}{4}$ ?**

- A)  $\frac{1}{8}$
- B)  $\frac{1}{6}$
- C)  $\frac{2}{4}$
- D)  $\frac{2}{8}$

**17. What is  $\frac{2}{3}$  of 9?**

- A) 3
- B) 6
- C)  $\frac{18}{3}$
- D)  $\frac{9}{2}$

**18. Sarah completed  $\frac{2}{5}$  of her homework. What percentage of her homework is completed?**

- A) 20%
- B) 40%
- C) 50%
- D) 60%

**19. A painter used  $\frac{1}{3}$  of a can of paint on Monday and  $\frac{2}{9}$  of a can on Tuesday. How much paint did he use in total?**

- A)  $\frac{1}{9}$
- B)  $\frac{2}{3}$
- C)  $\frac{5}{9}$
- D)  $\frac{3}{9}$

**20. If  $\frac{3}{4}$  of a class of 24 students are girls, how many girls are in the class?**

- A) 6
- B) 8
- C) 12
- D) 18