

Name: _____

Hour: _____

Date: _____

Grade 4 Mathematics Quiz — Fractions & Decimals**Part One: Multiple Choice.** Choose the BEST answer for each question. Circle the letter of your answer.**1. Which fraction is equal to one half?**

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

2. What is 0.5 as a fraction?

- A. $\frac{5}{10}$ C. $\frac{1}{5}$
B. $\frac{1}{2}$ D. $\frac{5}{100}$

3. Which fraction is the largest?

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

4. What is $\frac{3}{4}$ written as a decimal?

- A. 0.34 C. 0.75
B. 3.4 D. 0.43

5. What is $\frac{1}{4} + \frac{1}{4}$?

- A. $\frac{2}{8}$ C. $\frac{2}{4}$
B. $\frac{1}{2}$ D. Both B and C

6. Which decimal is the same as $\frac{1}{10}$?

- A. 1.0 C. 0.1
B. 0.01 D. 10.0

7. What is 0.25 as a fraction?

- A. $\frac{2}{5}$ C. $\frac{25}{10}$
B. $\frac{1}{4}$ D. $\frac{1}{25}$

8. Which of these fractions is equivalent to $\frac{2}{3}$?

- A. $\frac{4}{9}$ C. $\frac{3}{4}$
B. $\frac{4}{6}$ D. $\frac{6}{12}$

9. What is $\frac{5}{10}$ simplified?

- A. $\frac{2}{5}$ C. $\frac{1}{2}$
B. $\frac{5}{5}$ D. $\frac{1}{5}$

10. 0.7 is the same as:

- A. $\frac{7}{100}$ C. $\frac{1}{7}$
B. $\frac{7}{10}$ D. $\frac{70}{100}$

11. Which number is between 0.3 and 0.5?

- A. 0.6 C. 0.4
B. 0.2 D. 0.55

12. What is $\frac{3}{10}$ written as a decimal?

- A. 3.1 C. 0.3
B. 0.03 D. 30.0

13. Which fraction means the same as 0.50?

- A. $\frac{5}{100}$ C. $\frac{1}{2}$
B. $\frac{5}{10}$ D. Both B and C

14. How many fourths make one whole?

- A. 2 C. 4
B. 3 D. 6

15. Which decimal is greater: 0.6 or 0.06?

- A. 0.06 C. They are equal
B. 0.6 D. Cannot be compared

16. What is $\frac{2}{5}$ as a decimal?

- A. 0.25 C. 2.5
B. 0.4 D. 0.52

17. If you eat 3 out of 8 slices of pizza, what fraction did you eat?

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

18. What is 1.0 as a fraction?

- A. $\frac{1}{10}$ C. $\frac{1}{1}$
B. $\frac{10}{1}$ D. $\frac{0}{1}$

19. Which set of decimals is in order from least to greatest?

- A. 0.9, 0.5, 0.1 C. 0.5, 0.1, 0.9
B. 0.1, 0.5, 0.9 D. 0.9, 0.1, 0.5

20. A chocolate bar is divided into 10 equal pieces. Maria ate 4 pieces. What decimal shows how much she ate?

- A. 4.0 C. 0.4
B. 0.04 D. $\frac{4}{100}$