Paul's Coaching Global – Mathematics Worksheet

Topic(s): Fractions and Percentages **Total Marks:** 30 **Time:** 30 minutes

Name: Class: Date:

Instructions

- Choose the best option for each MCQ

- Answer all questions

- Write neatly and legibly

Multiple Choice Questions

1. What is the numerator in the fraction **3/5**? a) 3　　b) 5　　c) 8　　d) 2

2. What is the denominator in the fraction **7/9**? a) 7　　b) 9　　c) 2　　d) 16

3. Which of the following fractions is equivalent to **1/2**? a) 2/3　　b) 3/6　　c)

   1/4　　d) 4/6

4. Convert the decimal **0.5** to a fraction in its simplest form. a) 1/5　　b) 5/100

   c) 1/2　　d) 2/5

5. What is **1/4** as a decimal? a) 0.14　　b) 0.25　　c) 0.4　　d) 0.75

6. What is **50%** expressed as a fraction in its simplest form? a) 1/50　　b) 5/10

   c) 1/2　　d) 2/1

7. Convert **1/10** to a percentage. a) 1%   b) 10%   c) 0.1%   d) 100%

8. What is **25% of 100**? a) 25   b) 50   c) 75   d) 100

9. Which fraction is the smallest among **1/2, 1/4, and 1/3**? a) 1/2   b) 1/4   c) 1/3   d) They are all equal

10. If a class has 20 students and 10 are girls, what percentage of the class are girls? a) 10%   b) 20%   c) 50%   d) 100%

11. Add the fractions: **1/5 + 2/5**. a) 3/10   b) 3/5   c) 2/5   d) 1/5

12. Subtract the fractions: **3/7 – 1/7**. a) 2/0   b) 4/7   c) 2/7   d) 1/7

13. Convert the decimal **0.25** to a percentage. a) 2.5%   b) 25%   c) 0.25%   d) 250%

14. Convert **75%** to a decimal. a) 7.5   b) 0.075   c) 0.75   d) 75.0

15. What is **10% of 20**? a) 1   b) 2   c) 10   d) 20

16. If you score **8 out of 10** on a test, what is your score as a percentage? a) 8%   b) 10%   c) 80%   d) 100%

17. Which fraction is greater: **2/3 or 1/3**? a) 2/3   b) 1/3   c) They are equal   d) Cannot be determined

18. What is **1/2 of 10**? a) 2   b) 5   c) 10   d) 20

19. If a shirt costs $20 and is **50% off**, how much is the discount? a) $5   b) $10

    c) $15   d) $20

20. What is **1/100** as a percentage? a) 0.01%   b) 0.1%   c) 1%   d) 10%

21. Convert the decimal **0.75** to a fraction in its simplest form. a) 75/100   b) 3/4

    c) 1/4   d) 7/5

22. What is **20% of 50**? a) 5   b) 10   c) 20   d) 25

23. If a box has 10 apples and 2 are red, what fraction of the apples are red? a)

    1/10   b) 2/5   c) 1/5   d) 2/10

24. What is **1/5** as a percentage? a) 5%   b) 10%   c) 20%   d) 25%

25. Which of these is an **improper fraction**? a) 1/2   b) 3/5   c) 5/4   d) 2/3

26. What is **100% of 15**? a) 1   b) 10   c) 15   d) 100

27. If you have 4 red balls and 6 blue balls, what percentage of the balls are red? a)

    4%   b) 40%   c) 60%   d) 100%

28. Convert the decimal **0.1** to a fraction. a) 1/100   b) 1/10   c) 1/1   d)

    10/1

29. What is **3/4** as a percentage? a) 34%   b) 43%   c) 75%   d) 300%

30. What fraction of a whole is **25%**? a) 1/2   b) 1/4   c) 1/3   d) 2/5