

Math 7
Unit 6: Probability
Sample Pretest

Name _____
Date _____

1. Convert to a decimal: 45%. 1. _____

2. Convert to a percent: $\frac{3}{8}$. 2. _____

3. Convert to a ratio (fraction): 28%. 3. _____

4. Add: $\frac{3}{4} + \frac{1}{2}$ 4. _____

5. Multiply: $\frac{3}{4} (\frac{1}{2})$ 5. _____

6. What are the possibilities when rolling a 6-sided die? 6. _____

7. What are the possibilities when flipping a coin? 7. _____

8. If Cara makes 10 out of 15 baskets from the foul line in basketball, what percentage of the shots does she make? 8. _____

9. If a football team wins 20% of their games and they play 20, how many games did they win? 9. _____

10. A. How many suits are in a deck of cards? 10A. _____
 B. How many face cards are in a deck? B. _____

Write each decimal as a percent.

1. 0.17

2. 0.56

3. 0.04

4. 0.7

5. 0.025

6. 0.803

7. 0.3

8. 0.072

Write each fraction as a percent.

9. $\frac{13}{40}$

10. $\frac{3}{5}$

11. $\frac{3}{20}$

12. $\frac{5}{12}$

13. $\frac{5}{16}$

14. $\frac{3}{80}$

15. $\frac{5}{6}$

16. $\frac{19}{25}$

Write each percent as a fraction in simplest form.

17. 16%

18. 49%

19. 20%

20. 15%

21. 18%

22. 60%

23. 35%

24. 46%

Write each percent as a decimal.

25. 33%

26. 57%

27. 46%

28. 6%

29. 4.7%

30. 13.2%

31. 75.8%

32. 4%
