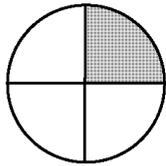


Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**Practice Packet #10 (Due Thursday 2/19/15)**

1. Mentally calculate the product:  $7.1 \times 10$
2. The perimeter of a square is 8 feet. What is its area in square feet?
3. What percent of the circle is shaded?



*Simplify.*

4.  $0.3 \times 0.27$
5.  $\frac{1}{2} \times \frac{2}{3}$
6.  $0.15 \times 0.3$
7.  $5 \div 0.5$
8.  $0.18 \times 0.27$
9.  $0.2 \times 0.3 \times 0.4$
10.  $1.2 \times 0.3$

11.  $4 \div (0.2 \times 2)$

12.  $\frac{2}{3} \times \frac{3}{5}$

13.  $\frac{3}{8} \cdot \frac{4}{9}$

14.  $27 \div 0.9$

15.  $2.7 \times 0.03$

16.  $5 \div 0.4$

17.  $0.12 \times 0.12$

18.  $0.6 \div (0.4 \times 0.5)$

*Simplify.*

19.  $0.34 \times 0.26$

20.  $1.2 \div 0.04$

21.  $0.4 \overline{)0.015}$

22.  $12.34 \times 10$

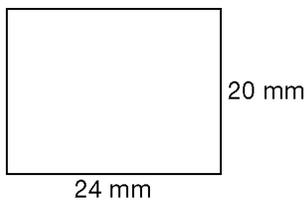
23.  $4.5 \times 100$

24.  $1.2 \div 0.08$

25.  $\sqrt{36} \div 0.6$

26. Maria correctly answered 16 of the 20 questions. What fraction of the questions did she answer correctly?

*Refer to the rectangle below:*

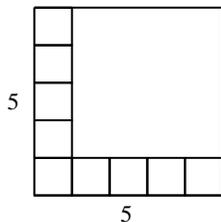


27. What is the area of the rectangle in square millimeters?

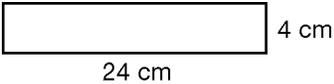
28. Which digit is in the millions place in 123,456,789?

29. How much is  $\frac{5}{6}$  of two dozen?

30. Altogether, how many square meters does it take to cover this rectangle?



31. If  $\frac{3}{4}$  of the 12 pencils were sharpened, then how many pencils were sharpened?

32. Which digit in 12,345,678,900 is in the hundred-millions place?
33. Find the place value of the digit 4 in the number 4,095,163,270,681.
34. How many square tiles with sides 1 ft long are needed to cover the floor of a 10-ft-by-12-ft room?
35. How much is  $\frac{11}{12}$  of four dozen?
36. What number is  $\frac{5}{8}$  of 56?
37. Write the numeral for seventeen million, one hundred five thousand.
38. What is the difference between the product of 3, 4, and 5 and the sum of 3, 4, and 5?
39. How much is  $\frac{3}{4}$  of two dozen?
40. Multiply:  $14 \times 0.2$
41. How many square centimeters are needed to cover this rectangle?
- 
42. Mentally calculate this product:  $12.5 \times 100$

43. There were 75 chipmunks in the forest. If  $\frac{2}{5}$  of them were tan, how many chipmunks were tan?
44. The perimeter of a square is 44 centimeters. What is its area in square centimeters?
45. Write the numeral for eight billion, two hundred thirty million, four hundred ninety-five thousand, nine hundred two.

*Simplify.*

46.  $4 \div 0.5$

47. Write  $9 \times 1 + 5 \times \frac{1}{10} + 7 \times \frac{1}{100}$  as a decimal number.

48. Multiply:  $\frac{0.6}{0.2} \times \frac{100}{100}$

- \_\_\_\_\_ 49. One gallon is about 3.78 liters. Ten gallons is about
- |                |                |
|----------------|----------------|
| a. 0.378 liter | c. 37.8 liters |
| b. 3.78 liters | d. 378 liters  |

50. Four-fifths of the 40 answers were correct. How many answers were correct?

51. Add and reduce:  $\frac{3}{8} + \frac{3}{8}$

52. What is the product of 1.5 and 0.025?

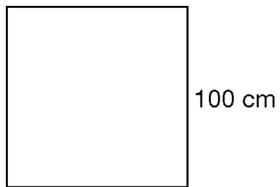
53. Write 4.977 in expanded notation.

54. If  $\frac{3}{4}$  of the 2000 raffle tickets were sold, how many tickets were sold?

55. Convert  $\frac{10}{6}$  to a mixed number and reduce the fraction.

56. What number is  $\frac{3}{4}$  of 36?

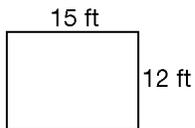
57. What is the area of this square in square centimeters?



58. Add and reduce:  $\frac{7}{24} + \frac{11}{24}$

59. What is the difference when the sum of 20 and 10 is subtracted from the product of 20 and 10?

60. What is the area of this rectangle in square feet?



61. Write 10,000,000 in word form.

62. One side of a square is 10 inches long. How many 1-square-inch tiles are needed to cover the area of the square?

63. Subtract and reduce:  $\frac{5}{8} - \frac{1}{8}$
64. One side of a square is 12 feet long.  
(a) Find the perimeter of the square.  
(b) Find the area of the square.
65. What is the ratio of chickens to goats in a barnyard with 12 chickens and 8 goats?
66. Mentally calculate the product:  $0.06 \times 100$
67. Write 5.04 in expanded notation.
68. What is the product of  $\frac{1}{3}$  and  $\frac{3}{4}$ ?
69. What is the difference when the product of 0.3 and 0.4 is subtracted from the sum of 0.3 and 0.4?
70. The zero holds what place in 908,321?