4th Grade Unit 1: Division (Form A)

Name _____   **Date** _____

1. Which division fact has a quotient of 5?

   a. $12 \div 4$
   b. $45 \div 9$
   c. $36 \div 6$
   d. $10 \div 5$

2. Find the missing factor:

   $8 \times \boxed{} = 288$

   a. 32
   b. 36
   c. 280
   d. 296

3. Which is the missing number?

   $24 \div 4 = 6$
   $240 \div 4 = 60$
   $2,400 \div 4 = 600$
   $24,000 \div 4 = \boxed{}$

   a. 60
   b. 600
   c. 6,000
   d. 60,000

4. Which is the same as
   34 x 3 + 2 = 104?

   a. $104 \div 3 = 34$
   b. $104 \div 2 = 34 + 3$ left over
   c. $104 \div 3 = 34 + 2$ left over
   d. $104 \div 2 = 3 + 34$ left over

5. A new sweater costs $36. The sweater costs 4 times more than a t-shirt. How much does a t-shirt cost? Use the variables *s* and *t* to write a number sentence and solve.

6. $274 \times 7 = 1,918$ is the opposite of

   $1,918 \div$ _____ = _____.

Name _____   Date _____

7. Mrs. Taylor has a total of 27 desks in her classroom. That is 3 times the number of desks in each row. Draw an array that illustrates this division fact.

8. Maria paid $157 for 8 pairs of jeans. About how much did each pair of jeans cost?

    a. $20
    b. $30
    c. $40
    d. $50

9. Find the quotient.
    $5{,}000 \div 10 =$
    a. 5
    b. 50
    c. 500
    d. 5,000

10. Mill Elementary has 3 times as many students as Hall Elementary. If Mill has 882 students, about how many students attend Hall?
    a. 300
    b. 900
    c. 2,400
    d. 2,700

11. Draw an area model of the division problem $36 \div 4$.
     A rectangle has been drawn below for you to use.

12. How many tents are needed for 39 boys and 12 scout leaders if 8 people can sleep in each tent?

13. Jorge estimates that there are 1,200 students in his school. If Jorge's estimate is correct, which number could **NOT** be the exact number of students in his school?
    a. 1,299   c. 1,249
    b. 1,159   d. 1,199

14. Which equation means 72 is 8 times as many as 9?

    a. $72 = 8 + 9$
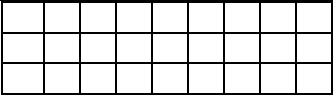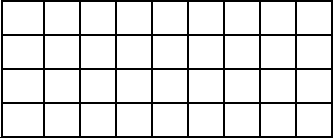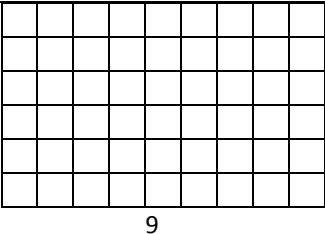   b. $72 = 9 - 8$
    c. $72 = 8 \times 9$
    d. $72 = 9 \div 8$

Name _____   Date _____

15. Twenty-seven students and 45 adults attended the Awards Ceremony at Atlantic Elementary. The adults and students sat at nine tables.
    a. How many chairs were needed at each table?

    b. If an equal number of adults sat at each table, how many adults and how many students would sit at each table?

16. Ms. Garcia's class won a free Super Sub for selling the most Subway coupon booklets. The Super Sub was 105 inches long. If Ms. Garcia cut the sub into 4-inch pieces, did she have enough for all 27 students? Explain your answer.

17. Which statement is true?

    a. 9,281 > 9,281

    b. 5,271 < 5,721

    c. 3,298 = 3,288

    d. 8,542 < 8,245

18. Dave is saving to buy a game system that costs $280. He saved three times more money in May than in April. In April, he saved $69. How much did Dave save in May?

19. A real estate agent had $83 to spend on newspaper ads. Each ad cost $6. After buying as many ads as she could afford, how much money did the real estate agent have left over?

    a. $14   c. $6
    b. $13   d. $5

20. Jonathan placed his 54 racecars in nine cases. Each case had the same number of cars. How many cars are in each case? *Draw and label an array to show the answer.*

4th Grade Unit 1: Division (Form A)

Name _____   **Date** _____

1.
   a. 12 ÷ 4
   b. **45 ÷ 9**
   c. 36 ÷ 6
   d. 10 ÷ 5

2.
   a. 32
   b. **36**
   c. 302
   d. 360

3.
   a. 80
   b. 800
   c. **8,000**
   d. 80,000

4.
   a. 104 ÷ 3 = 34
   b. 104 ÷ 2 = 34 + 3 left over
   c. **104 ÷ 3 = 34 + 2 left over**
   d. 104 ÷ 2 = 3 + 34 left over

5. $s = 4 \times t$
   $36 = 4 \times \underline{t}$
   $\underline{t} = \$9$

6. 1,918 ÷ 7 = 274 or 1,918 ÷ 274 = 7

7.

8.
   a. **$20**
   b. $30
   c. $40
   d. $50

9.
   a. 5
   b. 50
   c. **500**
   d. 5,000

10.
   a. **300**
   b. 900
   c. 2,400
   d. 2,700

11.
                 9
   4

12. 7 tents are needed because an extra tent is needed for the remainder of 3.

13.
   a. **1,299**   c. 1,249
   b. 1,159   d. 1,199

14.
   a. 72 = 8 + 9
   b. 72 = 9 – 8
   c. **72 = 8 x 9**
   d. 72 = 9 ÷ 8

15.
   a. 8 chairs will be needed
   b. 5 adults and 3 students will sit at each table.

16. No, Ms. Garcia had enough for only 26 students

17.
   a. 9,281 > 9,281
   b. **5,271 < 5,721**
   c. 3,298 = 3,288
   d. 8,542 < 8,245

18. Dave saved $207 in May.

19.
   a. $14   c. $6
   b. $13   d. **$5**

20.

                 9   6