

## **5<sup>th</sup> Grade American Math**

This is a practice test to help the scholars with their upcoming 2d test.

They can pace themselves so to be ready before the test.

The schedule of the homework has changed slightly. Has moved forward by one day. There is no HW due on the 20<sup>th</sup>

Thanks

Chris Kralievits

Choose the correct answer.

1. Taylor took 560 photographs during summer vacation. She placed 12 photos on each page of her scrapbook, but she had fewer than 12 photos to place on the last page. How many photos did Taylor place on the last page of the scrapbook?

**A** 7  
**B** 8  
**C** 9  
**D** 10

2. Jacob divided 976 by 28 using partial quotients. What is missing from Jacob's work?

34 r24		
28 $\overline{)976}$		
-280	← 10 × 28	10
696		
-280	← 10 × 28	10
416		
-280	← 10 × 28	10
136		
- <span style="border: 1px solid black; padding: 0 5px;">  </span>	← 4 × 28	+ 4
24		34

**A** 24  
**B** 34  
**C** 112  
**D** 280

3. Caleb needs to solve the problem  $2,406 \div 6$ . In what place is the first digit of the quotient for the problem  $2,406 \div 6$ ?

**A** ones  
**B** tens  
**C** hundreds  
**D** thousands

4. Lauren bought a television that cost \$805. She plans to make equal payments of \$38 each month until the television is paid in full. About how many payments will Lauren make?

**A** 15  
**B** 20  
**C** 30  
**D** 38

5. Marla filled up her car's gas tank and then went on a trip. After she drove 329 miles, she filled her tank with 14 gallons of gas. If she drove the same number of miles on each gallon of gas, how many miles per gallon did she drive?

**A** 23 miles per gallon  
**B**  $23\frac{1}{2}$  miles per gallon  
**C** 24 miles per gallon  
**D**  $24\frac{1}{2}$  miles per gallon

6. A restaurant uses 64 potatoes for each batch of potato soup. About how many batches of soup can the restaurant make from its last shipment of 1,325 potatoes?

**A** 15  
**B** 20  
**C** 30  
**D** 64

7. Ricardo's dog weighs 6 times as much as his cat. The total weight of his two pets is 98 pounds. How much does Ricardo's dog weigh?

**A** 92 pounds  
**B** 84 pounds  
**C** 16 pounds  
**D** 14 pounds

8. During a school fund raiser, the fifth-grade classes sold rolls of wrapping paper. The table shows how many rolls each class sold. The rolls were sold in packages of 4.

**Wrapping Paper Sold**

Class	Total Rolls
Ms. Lane	672
Mr. Milner	184
Mrs. Jackson	228

How many packages of wrapping paper did Ms. Lane's class sell?

**A** 2,688  
**B** 173  
**C** 168  
**D** 143

9. A tee-shirt company plans to hand out 1,830 coupons during May. It will hand out the same number of coupons on each of the 31 days of the month. What is the first digit in the quotient  $1,830 \div 31$ ?
- A** 5  
**B** 6  
**C** 7  
**D** 8
10. Mrs. Tao has 154 books on 7 shelves in her classroom. Each shelf holds the same number of books. She wants to find the number of books on each shelf. In what place should Mrs. Tao write the first digit of the quotient for the problem  $154 \div 7$ ?
- A** ones  
**B** tens  
**C** hundreds  
**D** thousands
11. An auditorium has 1,224 seats. There are 36 seats in each row. Tom wants to know how many rows of seats are in the auditorium. What is the first digit in the quotient  $1,224 \div 36$ ?
- A** 2  
**B** 3  
**C** 4  
**D** 5
12. The local concert hall has 48 concerts scheduled this season. Each concert has the same amount of tickets available for sale. There is a total of 4,560 tickets. How many tickets are available for each concert?
- A** 1,140  
**B** 950  
**C** 105  
**D** 95

- 13.** The pool director has a list of 123 students who have signed up for swimming lessons. The pool director can register 7 students in each class. What is the **least** number of classes needed for all the students to be registered in a class?
- A** 16  
**B** 17  
**C** 18  
**D** 19
- 14.** An airplane has 416 seats arranged in 52 rows. If there is the same number of seats in each row, how many seats are in one row?
- A** 21,632  
**B** 364  
**C** 8  
**D** 6
- 15.** The number of children at the library was 3 times the number of adults. The total number of people at the library was 48. How many children were at the library?
- A** 12  
**B** 24  
**C** 32  
**D** 36
- 16.** Sophia wants to buy collector boxes that can hold 6 dolls each. How many boxes will Sophia need to buy for her collection of 168 dolls?
- A** 21  
**B** 28  
**C** 34  
**D** 1,008



- 17.** The director of a pet shelter received a shipment of 1,110 puppy blankets. He stored the blankets equally in 27 boxes and put the leftover blankets in the puppy kennels. How many blankets were put in the puppy kennels?
- A** 3  
**B** 18  
**C** 28  
**D** 41
- 18.** Kate made 180 ounces of punch for a party. She serves the punch in 8-ounce cups. How many full cups can she serve?
- A** 8 cups  
**B** 22 cups  
**C**  $22\frac{1}{2}$  cups  
**D** 23 cups
- 19.** Sarah baby-sat 7 times as many hours during summer break as she did during spring break. She baby-sat a total of 56 hours during both breaks. How many hours did Sarah baby-sit during spring break?
- A** 49 hours  
**B** 9 hours  
**C** 8 hours  
**D** 7 hours
- 20.** Paloma decided to divide 1,292 by 31 using partial quotients. She uses 30 as her first partial quotient. Which are the partial quotients Paloma should show in her work?
- A** 30,10  
**B** 30,10,1  
**C** 10,10,10,1  
**D** 10,10,10,10, 1

- 21.** The last problem on Jacob's math test was  $9,072 \div 9$ . In what place should Jacob write the first digit of the quotient for the problem  $9,072 \div 9$ ?
- A** ones  
**B** tens  
**C** hundreds  
**D** thousands
- 22.** On a standard week-long space shuttle flight, 175 servings of fresh food are shared equally among 7 crewmembers. How many servings of fresh food does each crewmember receive?
- A** 25  
**B** 26  
**C** 32  
**D** 33
- 23.** Mr. Stephens needs to haul 1,518 tons of rock from a construction site. His dump truck can hold 26 tons per load. How many tons will Mr. Stephens need to haul in the last load to move all of the rock?
- A** 10  
**B** 58  
**C** 68  
**D** 1,492
- 24.** Miss Roja plans to sell tote bags at the art festival for \$33 each. She will need to make \$265 to pay the rent for the space at the festival. About how many tote bags will she need to sell to pay the rent?
- A** 3  
**B** 7  
**C** 9  
**D** 30
- 25.** Alex completed his math homework by estimating the first digit of the quotient. Which of these division problems will need to have the quotient adjusted?
- A** 
$$\begin{array}{r} 1 \\ 48 \overline{)864} \end{array}$$
- B** 
$$\begin{array}{r} 1 \\ 78 \overline{)858} \end{array}$$
- C** 
$$\begin{array}{r} 6 \\ 57 \overline{)342} \end{array}$$
- D** 
$$\begin{array}{r} 2 \\ 35 \overline{)685} \end{array}$$

