

Computation Sample Test

Fourth Grade

1) 
$$\begin{array}{r} 400 \\ \times 500 \\ \hline \end{array}$$

2) 
$$\frac{6416}{8} =$$

3) 
$$21 \overline{)124}$$

4) 
$$\begin{array}{r} \$6.37 \\ \times \quad 9 \\ \hline \end{array}$$

5)  $8.54 - (4.2 - 2.17) =$

6)  $4.36 + 12.7 + 10.72 =$

7) 
$$\begin{array}{r} 382 \\ \times 31 \\ \hline \end{array}$$

8) 
$$\frac{5}{9} + \frac{5}{9} =$$

9) 
$$\begin{array}{r} 89,654 \\ - 39,207 \\ \hline \end{array}$$

10)  $n - 21,765 = 81,426$   
 $n =$

11) 
$$\frac{5784}{4} =$$

12)  $8,124 - n = 735$   
 $n =$

13)  $8.3 + 4.72 + 0.6 + 12.1 =$

14) 
$$\begin{array}{r} 340 \\ \times 49 \\ \hline \end{array}$$

15) 
$$5\frac{5}{6} - 1\frac{1}{6} =$$

16)  $\$35.40 \div 6 =$

17) 
$$\begin{array}{r} 48 \\ \times 32 \\ \hline \end{array}$$

$$18) \quad n + 4168 = 5436 \\ n =$$

$$27) \quad 6 + 7\frac{1}{2} =$$

$$19) \quad \frac{1}{4} + \frac{3}{8} =$$

$$28) \quad \sqrt{64} + \sqrt{49} =$$

$$20) \quad \frac{1}{4} = \frac{n}{8} \quad n =$$

$$29) \quad 7 \times 8 \times 10 =$$

$$21) \quad \frac{3}{4} = \frac{n}{12} \quad n =$$

$$30) \quad 9 \times 12 \times 2 \times 0 =$$

$$22) \quad \frac{1}{3} * \frac{n}{p} = \frac{9}{12} \quad n = \quad p =$$

$$32) \quad 4^2 - 3^2 =$$

$$23) \quad \frac{2}{5} * \frac{n}{n} = \frac{4}{10} \quad n =$$

$$24) \quad 5\frac{2}{3} - 1\frac{1}{3} =$$

$$25) \quad 4\frac{4}{5} - \frac{1}{5} =$$

$$26) \quad 4\frac{4}{9} - 3 =$$

Computation Sample Test

Fourth Grade ANSWER KEY

$$\begin{array}{r} 1) \quad 400 \\ \times \quad 500 \\ \hline 200,000 \end{array}$$

$$2) \quad \frac{6416}{8} = \quad \mathbf{802}$$

$$3) \quad 21 \overline{)124} \quad \mathbf{5 \text{ r } 19}$$

$$\begin{array}{r} 4) \quad \$6.37 \\ \times \quad \quad 9 \\ \hline \$57.33 \end{array}$$

$$5) \quad 8.54 - (4.2 - 2.17) =$$

$$\mathbf{6.51}$$

$$6) \quad 4.36 + 12.7 + 10.72 =$$

$$\mathbf{27.78}$$

$$\begin{array}{r} 7) \quad .382 \\ \times \quad 31 \\ \hline 11.842 \end{array}$$

$$8) \quad \frac{5}{9} + \frac{5}{9} = \quad \mathbf{1 \frac{1}{9}}$$

$$\begin{array}{r} 9) \quad 89,654 \\ - \quad 39,207 \\ \hline 48,447 \end{array}$$

$$10) \quad n - 21,765 = 81,426$$

$$n = \mathbf{103,191}$$

$$11) \quad \frac{5784}{4} = \quad \mathbf{1,446}$$

$$12) \quad 8,124 - n = 735$$

$$n = \mathbf{7,389}$$

$$13) \quad 8.3 + 4.72 + 0.6 + 12.1 =$$

$$\mathbf{25.72}$$

$$14) \quad \begin{array}{r} 340 \\ \times \quad 49 \\ \hline 16,660 \end{array}$$

$$15) \quad 5\frac{5}{6} - 1\frac{1}{6} = \quad \mathbf{4 \frac{2}{3}}$$

$$16) \quad \$35.40 \div 6 = \quad \mathbf{\$5.90}$$

$$17) \quad \begin{array}{r} 48 \\ \times \quad 32 \\ \hline 1,536 \end{array}$$

$$18) \quad n + 4168 = 5436$$
$$n = \mathbf{1,268}$$

$$27) \quad 6 + 7\frac{1}{2} = \mathbf{13\frac{1}{2}}$$

$$19) \quad \frac{1}{4} + \frac{3}{8} = \frac{5}{8}$$

$$28) \quad \sqrt{64} + \sqrt{49} = \mathbf{15}$$

$$20) \quad \frac{1}{4} = \frac{n}{8} \quad n = \mathbf{2}$$

$$29) \quad 7 \times 8 \times 10 = \mathbf{560}$$

$$21) \quad \frac{3}{4} = \frac{n}{12} \quad n = \mathbf{9}$$

$$30) \quad 9 \times 12 \times 2 \times 0 = \mathbf{0}$$

$$22) \quad \frac{1}{3} * \frac{n}{n} = \frac{3}{9} \quad n = \mathbf{3}$$

$$32) \quad 4^2 - 3^2 = \mathbf{7}$$

$$23) \quad \frac{2}{5} * \frac{n}{n} = \frac{4}{10} \quad n = \mathbf{2}$$

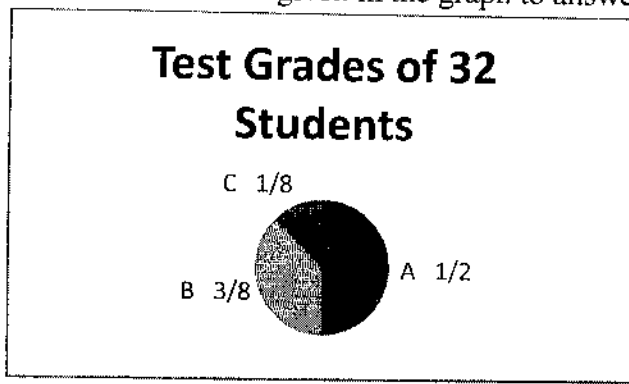
$$24) \quad 5\frac{2}{3} - 1\frac{1}{3} = \mathbf{4\frac{1}{3}}$$

$$25) \quad 4\frac{4}{5} - \frac{1}{5} = \mathbf{4\frac{3}{5}}$$


$$26) \quad 4\frac{4}{9} - 3 = \mathbf{1\frac{4}{9}}$$

- 1) Pencils cost  $22¢$  each. Eraser cost  $41¢$  each. Pens cost  $\$1.41$  each.  
Gracie bought 13 pencils and 14 erasers. How much money did she spend?
- 2) If a can of soup costs  $\$1.29$  and serves 3 people, how much would it cost to serve 12 people?
- 3) What number is 8 less than the product of 9 and 10?
- 4) If the perimeter of a square is 3 feet, how many inches is each side?

Use the information given in the graph to answer questions 5 – 7.



- 5) Of the 32 students in the class, how many earned a C on the test?
- 6) How many students earned an A?
- 7) Altogether, how many students earned an A or a B?
- 8) What is the area of this rectangle?  

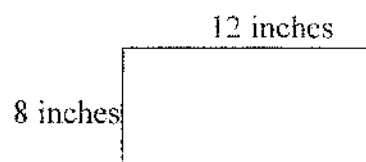
10mm  15mm
- 9) Draw a diagram to help with this problem. You have to drive through Seattle to get to Dawson from Chattanooga. It is 25 miles from Chattanooga to Seattle. It is 78 miles from Chattanooga to Dawson. How far is it from Seattle to Dawson?
- 10) The first time, Wilma counted seven thousand. The second time, she counted six thousand, seventy- seven. How many more did she count the first time?
- 11) Molly laid 1-foot-square floor tiles in a room 15 feet long and 12 feet wide. How many floor tiles did she use?

- 12) Travis found that  $\frac{3}{8}$  of the 32 pencils in the room had no erasers.
- How many pencils had no erasers?
  - Illustrate this fraction, using pencils.
- 13) Pete drove 85 miles in 5 hours.
- What was his average speed?
  - How far could he drive in 13 hours?
- 14) Mark is 7 inches taller than Jim. Jim is 5 inches taller than Jan. Mark is 60 inches tall. How many inches tall is Jan?
- 15) Twenty-seven desks were arranged in 5 rows as equally as possible.
- How many rows had exactly 5 desks?
  - How many rows had 6 desks?
- 16) Round 5,632 to the nearest thousand.
- 17) Which digit shows the number of tens in 842?
- 18) How much is 4 hundreds plus 6 tens?
- 19) The first copy machine printed seventy-two thousand, four hundred forty pages in a week. The second copy machine printed eighty-seven thousand, two pages in the same week. How many more did the second copy machine print?
- 20) Change the Roman numerals to our number system.
- XXIX =
  - XVIII =
  - IX =
- 21) Use digits to write these numbers.
- Nine million, two hundred sixty-three thousand, five hundred twelve.
  - Eleven million, one hundred twenty-three thousand, four hundred.
  - Sixteen million, five hundred forty-three thousand.

22) 45. [   ], [   ], 72, 81, [   ]

23) 42. [   ], [   ], 21, 14

- 24) What is the area of this rectangle?  
What is the perimeter of the rectangle?



- 1) Pencils cost 22 ¢ each. Eraser cost 41¢ each. Pens cost \$1.41 each.

Gracie bought 13 pencils and 14 erasers. How much money did she spend? **\$8.60**

- 2) If a can of soup costs \$1.29 and serves 3 people, how much would it cost to serve 12 people?

**\$5.16**

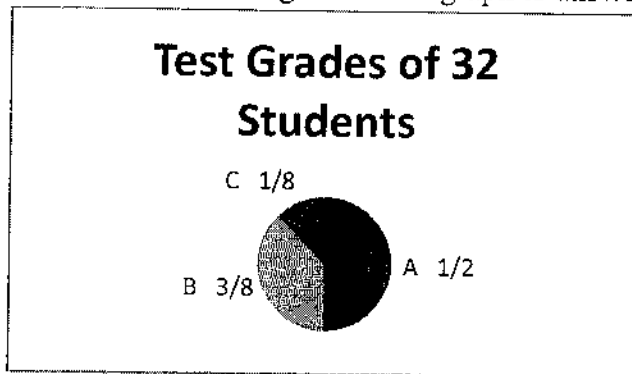
- 3) What number is 8 less than the product of 9 and 10?

**82**

- 4) If the perimeter of a square is 3 feet, how many inches is each side?

**9 inches**

Use the information given in the graph to answer questions 5 – 7.



- 5) Of the 32 students in the class, how many earned a C on the test?

**4 students**

- 6) How many students earned an A?

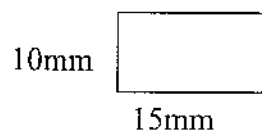
**16 students**

- 7) Altogether, how many students earned an A or a B?

**28 students**

- 8) What is the area of this rectangle?

**150 mm<sup>2</sup>**



- 9) Draw a diagram to help with this problem. You have to drive through Seattle to get to Dawson from Chattanooga. It is 25 miles from Chattanooga to Seattle. It is 78 miles from Chattanooga to Dawson. How far is it from Seattle to Dawson? **53 miles**

- 10) The first time, Wilma counted seven thousand. The second time, she counted six thousand, seventy- seven. How many more did she count the first time? **923 more**

- 11) Molly laid 1-foot-square floor tiles in a room 15 feet long and 12 feet wide. How many floor tiles did she use? **180 tiles**

12) Travis found that  $\frac{3}{8}$  of the 32 pencils in the room had no erasers.

a. How many pencils had no erasers?    b. Illustrate this fraction, using pencils.

**12 pencils**



13) Pete drove 85 miles in 5 hours.

a. What was his average speed?    **17 mph**

b. How far could he drive in 13 hours?    **221 miles**

14) Mark is 7 inches taller than Jim. Jim is 5 inches taller than Jan.

Mark is 60 inches tall. How many inches tall is Jan?    **48 inches**

15) Twenty-seven desks were arranged in 5 rows as equally as possible.

a. How many rows had exactly 5 desks?    **3 rows**

b. How many rows had 6 desks?    **2 rows**

16) Round 5,632 to the nearest thousand.    **6,000**

17) Which digit shows the number of tens in 842?    **4**

18) How much is 4 hundreds plus 6 tens?    **460**

19) The first copy machine printed seventy-two thousand, four hundred forty pages in a week. The second copy machine printed eighty-seven thousand, two pages in the same week. How many more did the second copy machine print?    **14,562 more**

20) Change the Roman numerals to our number system.

a. XXIX =    **29**

b. XVIII =    **18**

c. IX =    **9**

21) Use digits to write these numbers.

a. Nine million, two hundred sixty-three thousand, five hundred twelve.    **9,263,512**

b. Eleven million, one hundred twenty-three thousand, four hundred.    **11,123,400**

c. Sixteen million, five hundred forty-three thousand.    **16,543,000**

22) 45, [ **54** ], [ **63** ], 72, 81, [ **90** ]

23) 42, [ **35** ], [ **28** ], 21, 14

24) What is the area of this rectangle?    **96 in<sup>2</sup>.**  
What is the perimeter of the rectangle?    **40 in.**

