

Summer Math Packet – Incoming Third Grader

1. Fill in the blanks with the numbers.

(a) $800 + 20 + 3 =$ _____ [1]

(b) $400 + 7 =$ _____ [1]

(c) $204 =$ _____ hundreds _____ tens _____ ones [1]

(d) Nine hundred seventy-one = _____ [1]

(e) Five hundred seven = _____ [1]

(f) $500 =$ _____ tens [1]

(g) 100 ten dollar bills = _____ 1,000 dollar bills. [1]

2. Arrange the following numbers in order, beginning with the smallest. [2]

310, 130, 301, 103

_____, _____, _____, _____

3. Write $>$, $<$, or $=$ in each \bigcirc

(a) $405 \bigcirc 58$ (b) $987 \bigcirc 978$ [2]

(c) $380 + 10 \bigcirc 400$ (d) $600 + 50 \bigcirc 60 + 500$ [2]

4. Complete the following regular number patterns.

(a) 842, 832, 822, 812, _____, _____, _____ [2]

(b) 432, 434, 436, _____, _____, _____ [2]

5. Add or subtract mentally:

(a) $57 + 5 = \underline{\hspace{2cm}}$ (b) $70 + 80 = \underline{\hspace{2cm}}$ [2]

(c) $240 + 70 = \underline{\hspace{2cm}}$ (d) $28 + 67 = \underline{\hspace{2cm}}$ [2]

(e) $42 - 8 = \underline{\hspace{2cm}}$ (f) $620 - 40 = \underline{\hspace{2cm}}$ [2]

(g) $390 - 7 = \underline{\hspace{2cm}}$ (h) $51 - 24 = \underline{\hspace{2cm}}$ [2]

6. Add or subtract:

(a)
$$\begin{array}{r} 745 \\ + 136 \\ \hline \end{array}$$
 (b)
$$\begin{array}{r} 465 \\ + 135 \\ \hline \end{array}$$
 [4]

(c)
$$\begin{array}{r} 464 \\ + 398 \\ \hline \end{array}$$
 (d)
$$\begin{array}{r} 491 \\ - 68 \\ \hline \end{array}$$
 [4]

(e)
$$\begin{array}{r} 641 \\ - 272 \\ \hline \end{array}$$
 (f)
$$\begin{array}{r} 703 \\ - 138 \\ \hline \end{array}$$
 [4]

(g)
$$\begin{array}{r} 127 \\ 86 \\ + 423 \\ \hline \end{array}$$
 (h)
$$\begin{array}{r} 600 \\ - 276 \\ \hline \end{array}$$
 [4]

7. Write the addition problem you would use to check if your answer to problem 6(h) is correct. [2]

$$\begin{array}{r} 600 \\ - 276 \\ \hline \end{array} + \underline{\hspace{2cm}}.$$

8. Add 32, 28, and 85. [1]

9. Select True or False

(a) $689 + 30 < 659 + 60$ True False [1]

(b) $123 + 456 + 789 = 429 + 186 + 753$ True False [1]

(c) $234 < 23 \text{ tens}$ True False [1]

(d) $139 + 27 > 274 - 82$ True False [1]

10. John has 243 red marbles. He has 48 more blue marbles than red marbles. How many blue marbles does he have? [2]

He has _____ blue marbles.

11. After John spent \$458, he had \$295 left. How much money did he have at first? [2]

He had \$_____ at first.

12. Peter has 290 red and blue marbles altogether. 162 of them are red.

(a) How many blue marbles does he have? [2]

He has _____ blue marbles.

(b) How many more red marbles than blue marbles does he have? [2]

He has _____ more red marbles.

13. There are 129 girls, 206 boys, and 72 adults at a park. Write an equation and then fill in the answer for each of the following.

(a) How many people were at the park? [2]

There were _____ people at the park.

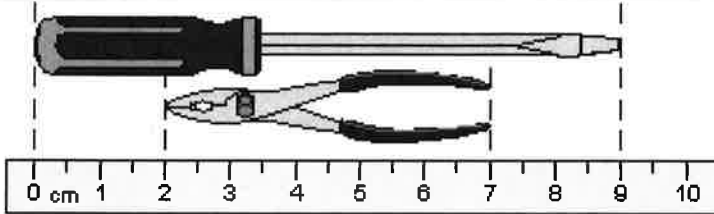
(a) How many children were at the park? [2]

There were _____ children at the park.

(c) How many more children than adults were at the park? [2]

There were _____ more children than adults at the park.

14.



(a) The screwdriver is _____ cm longer than the pliers. [1]

(b) The total length of the screwdriver and pliers is _____ cm. [1]

15. If you measure the length of your book in inches and in centimeters, which will be greater, the number of inches or the number of centimeters? [1]

16. Fill in the blanks with cm or m.

(a) The height of the man is about 165 _____. [1]

(b) Lily used 35 _____ of ribbon to make a bow. [1]

(c) The length of a pool is 10 _____. [1]

17. Fill in the blanks with in., ft or yd.

(a) The height of the door is about 3 _____. [1]

(b) A caterpillar is about 2 _____ long. [1]

(c) The kitchen is 20 _____ wide. [1]

18. Lily had a piece of ribbon 120 cm long. She cut it into three pieces. The first piece was 35 cm long, and she used it to make a bow. The second piece was 63 cm long, and she used it to wrap around the present.



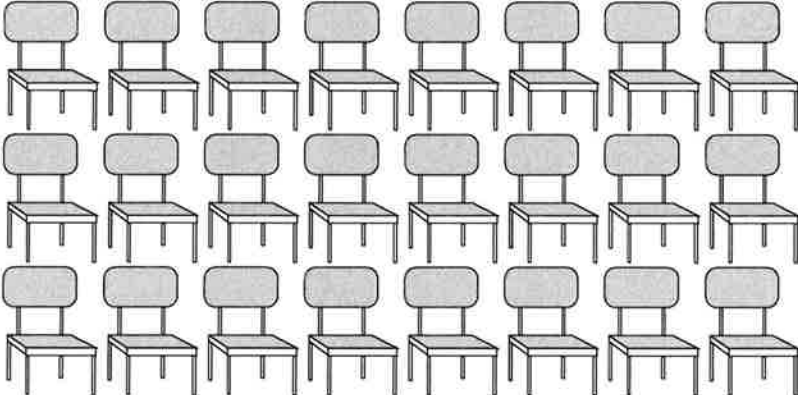
(a) What was the total length of ribbon that she used? [3]

She used _____ cm of ribbon.

(b) How much longer was the second piece than the first piece? [2]

It was _____ cm longer.

19.  [2]



$$3 \times 8 = \underline{\quad\quad\quad} \qquad 24 \div 3 = \underline{\quad\quad\quad}$$

$$8 \times 3 = \underline{\quad\quad\quad} \qquad 24 \div \underline{\quad\quad\quad} = 3$$

20. Multiply:

(a) $5 \times 3 = \underline{\quad\quad\quad}$ (b) $9 \times 2 = \underline{\quad\quad\quad}$ [2]

(c) $3 \times 7 = \underline{\quad\quad\quad}$ (d) $2 \times 6 = \underline{\quad\quad\quad}$ [2]

21. Write $>$, $<$, or $=$ in each

(a) 2×5 $2 + 5$ (b) 8×6 6×8 [2]

(c) 5×3 $15 \div 3$ (d) 2×3 4×2 [2]

(e) $5 + 5 + 5 + 5 + 5$ 3×5 [1]

22. Divide:

(a) $16 \div 2 =$ _____ (b) $9 \div 3 =$ _____ [2]

(c) $20 \div 2 =$ _____ (d) $24 \div 3 =$ _____ [2]

23. Write a multiplication or division equation for each problem, and then write the answer in the blank.

(a) Jason put 30 marbles equally into 3 jars. How many marbles are in each jar? [2]

Each jar has _____ marbles.

- (b) Mr. Chen buys 2 copies of newspapers a day. How many copies of newspapers does he buy in a week? [3]

He buys _____ copies of newspapers in a week.

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- (c) Mrs. Smith bought 5 hamburgers for her children. Each hamburger cost \$2. How much did she spend altogether? [3]

She spent \$_____ altogether.

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- (d) Sam saved \$3 a week. How many weeks did it take him to save \$18? [3]

It took him _____ weeks.