

Assessment Test for Singapore Primary Mathematics 2A Common Core Edition

This test covers material taught in Primary Mathematics 2A Common Core Edition
(<http://www.singaporemath.com/>)

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]

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

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) $234 < 23$ 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.

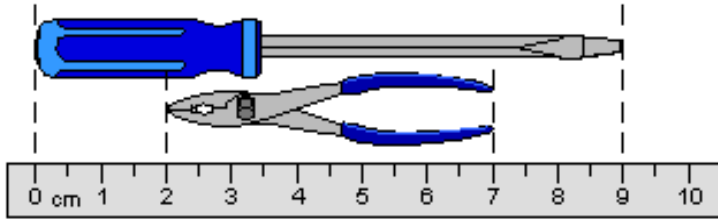
(a) How many children were at the park? [2]

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.



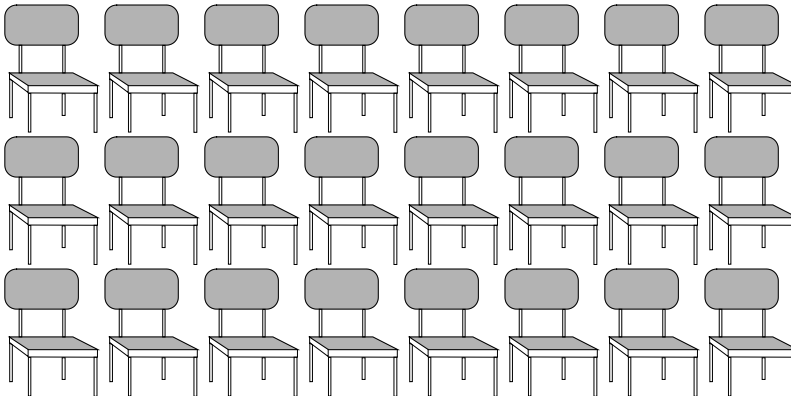
(a) What was the total length of ribbon that she used? [3]

She used _____ cm of ribbon.

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

It was _____ cm longer.

19. [2]



$$3 \times 8 = \underline{\hspace{2cm}} \qquad 24 \div 3 = \underline{\hspace{2cm}}$$

$$8 \times 3 = \underline{\hspace{2cm}} \qquad 24 \div \underline{\hspace{2cm}} = 3$$

20. Multiply:

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

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

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

(a) $2 \times 5 \bigcirc 2 + 5$ (b) $8 \times 6 \bigcirc 6 \times 8$ [2]

(c) $5 \times 3 \bigcirc 15 \div 3$ (d) $2 \times 3 \bigcirc 4 \times 2$ [2]

(e) $5 + 5 + 5 + 5 + 5 \bigcirc 3 \times 5$ [1]

22. Divide:

(a) $16 \div 2 = \underline{\hspace{2cm}}$ (b) $9 \div 3 = \underline{\hspace{2cm}}$ [2]

(c) $20 \div 2 = \underline{\hspace{2cm}}$ (d) $24 \div 3 = \underline{\hspace{2cm}}$ [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 $\underline{\hspace{2cm}}$ 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.

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

She spent \$_____ altogether.

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

It took him _____ weeks.

Answer Key

1. (a) 823
(b) 407
(c) 2; 0; 4
(d) 971
(e) 507
(f) 50
(g) 1
2. 103, 130, 301, 310
3. (a) > (b) >
(c) < (d) >
4. (a) 802, 792, 782
(b) 438, 440, 442
5. (a) 62 (b) 150
(c) 310 (d) 95
(e) 34 (f) 580
(g) 383 (h) 27
6. (a) 881 (b) 600
(c) 862 (d) 423
(e) 369 (f) 565
(g) 636 (h) 324
7.
$$\begin{array}{r} 324 \\ + 276 \\ \hline 600 \end{array}$$
8. 145
9. (a) False
(b) True
(c) False
(d) False
10. 291
11. 753
12. (a) 128
(b) 34
13. (a) $129 + 206 + 72 = 407$
407
(b) $129 + 206 = 335$
335
(c) $335 - 72 = 263$
263
14. (a) 4
(b) 14
15. centimeters
16. (a) cm
(b) cm
(c) m
17. (a) yd
(b) in.
(c) ft
18. (a) $35 + 63 = 98$
98
(b) $63 - 35 = 28$
28
19. $3 \times 8 = \mathbf{24}$ $24 \div 3 = \mathbf{8}$
 $8 \times 3 = \mathbf{24}$ $24 \div \mathbf{8} = 3$
20. (a) 15 (b) 18
(c) 21 (d) 12
21. (a) > (b) =
(c) > (d) <
(e) >
22. (a) 8 (b) 3
(c) 10 (d) 8
23. (a) $30 \div 3 = 10$
10
(b) $2 \times 7 = 14$, or $7 \times 2 = 14$
14
(c) $5 \times 2 = 10$ or $2 \times 5 = 10$
10
(d) $18 \div 3 = 6$
6