

Assessment Test for Singapore Primary Mathematics 2A Standards Edition

This test covers material taught in Primary Mathematics 2A Standards Edition
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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 = _____ 1000 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) $600 + 58 \bigcirc 50 + 608$ [2]

4. Complete the following regular number patterns.

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

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

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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) $42 - 8 = \underline{\hspace{2cm}}$ [2]

(e) $620 - 40 = \underline{\hspace{2cm}}$ (f) $390 - 7 = \underline{\hspace{2cm}}$ [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. 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.

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

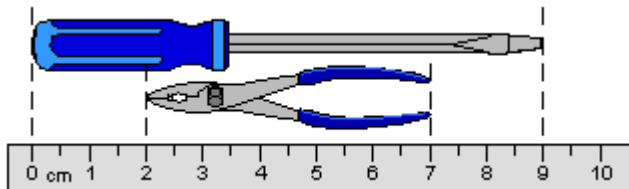
- (a) How many blue marbles does he have? [2]

He has _____ blue marbles.

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

He has _____ more red marbles.

- 10.




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

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

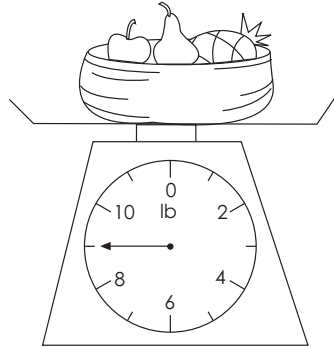
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<p>11. If you measure the length of your book in inches and in centimeters, which will be greater, the number of inches or the number of centimeters?</p> <p style="text-align: center;">_____</p>	[1]
<p>12. Fill in the blanks with cm or m.</p>	
<p>(a) The height of the man is about 165 _____.</p>	[1]
<p>(b) Lily used 35 _____ of ribbon to make a bow.</p>	[1]
<p>(c) The length of a pool is 10 _____.</p>	[1]
<p>13. Fill in the blanks with in., ft or yd.</p>	
<p>(a) The height of the door is about 3 _____.</p>	[1]
<p>(b) A caterpillar is about 2 _____ long.</p>	[1]
<p>(c) The kitchen is 20 _____ wide.</p>	[1]
<p>14. 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.</p>	
<p>(a) What was the total length of ribbon that she used for the present?</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">She used _____ cm of ribbon.</p>	[2]
<p>(b) How much longer was the second piece than the first piece?</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">It was _____ cm longer.</p>	[2]

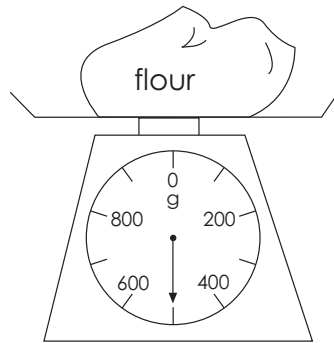
15. Study the scales and write the correct weight.

(a)



_____ lb

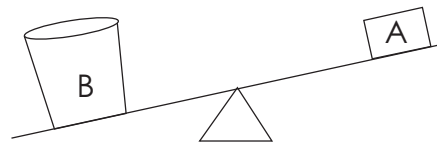
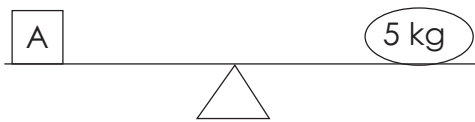
(b)



_____ g

[2]

16. Fill in "heavier than", "lighter than" or "as heavy as".



(a) A is _____ 5 kg. [1]

(b) B is _____ 5 kg. [1]

(c) A is _____ B. [1]

(d) 5 pounds is _____ 5 kilograms. [1]

17. Fill in the blanks with kg or g.

(a) The watermelon weighs about 3 _____. [1]

(b) A boy weighs about 30 _____. [1]

(c) 5 eggs weigh 275 _____. [1]

18. Fill in the blanks with lb or oz.

(a) The apple weighs about 6 _____. [1]

(b) The watermelon weighs about 5 _____. [1]

(c) 28 grams weigh about the same as 1 _____. [1]

19. Rob weighs 78 lb. His father is 56 lb heavier than Rob.

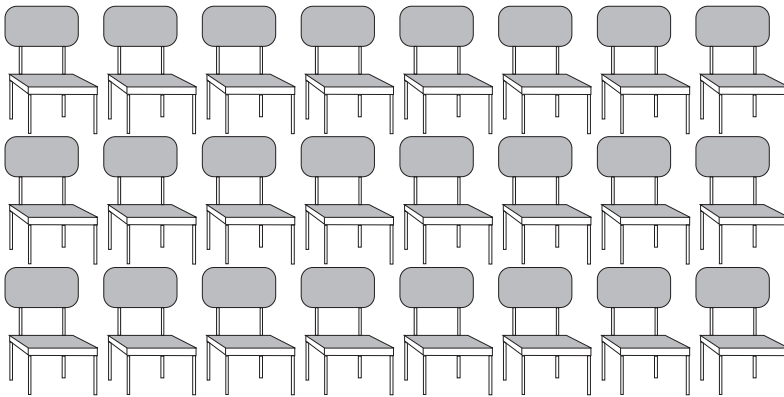
(a) How much does his father weigh? [2]

His father weighs _____ lb.

(b) How much do Rob and his father weigh altogether? [2]

Together, they weigh _____ lb.

20.



[2]

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

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

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

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

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

22. Fill in the blanks:

(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]

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

(g) $20 \div 2 = \underline{\hspace{2cm}}$ (h) $24 \div 3 = \underline{\hspace{2cm}}$ [2]

23. Write a multiplication or division number sentence 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? [2]

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? [2]

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) 34
(e) 580 (f) 383
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. 291
9. (a) 128 (b) 34
10. (a) 4 (b) 14
11. centimeters
12. (a) cm (b) cm (c) m
13. (a) yd (b) in. (c) ft
14. (a) 98 (b) 28
15. (a) 9 (b) 500
16. (a) as heavy as (b) heavier than
(c) lighter than (d) lighter than
17. (a) kg (b) kg (c) g
18. (a) oz (b) lb (c) lb
19. (a) 134 (b) 212
20. $3 \times 8 = 24$ $24 \div 3 = 8$
 $8 \times 3 = 24$ $24 \div 8 = 3$
21. (a) > (b) =
(c) > (d) < >
22. (a) 15 (b) 18 (c) 21 (d) 12
(e) 8 (f) 3 (g) 10 (h) 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

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