

Placement Test for Singapore Primary Mathematics 2A

This test covers material taught in Primary Mathematics 2A

(<http://www.singaporemath.com/>)

Starred problems (*) are for topics only in the US edition.

1. Fill in the blanks with numbers.	
(a) 204 = _____ hundreds _____ tens _____ ones	[2]
(b) 400 + 7 = _____	[2]
(c) 100 ten dollar bills = _____ 1000 dollar bills	[2]
2. Write < or >: 839 _____ 93	[2]
3. Arrange the following numbers in order, beginning with the smallest. 310, 130, 301, 103 _____, _____, _____, _____	[2]
4. Add or subtract:	
(a) $\begin{array}{r} 745 \\ + 136 \\ \hline \end{array}$	(b) $\begin{array}{r} 465 \\ + 135 \\ \hline \end{array}$ [4]
<hr/>	
(c) $\begin{array}{r} 464 \\ + 398 \\ \hline \end{array}$	(d) $\begin{array}{r} 421 \\ - 68 \\ \hline \end{array}$ [4]
<hr/>	
(e) $\begin{array}{r} 641 \\ - 276 \\ \hline \end{array}$	(f) $\begin{array}{r} 600 \\ - 276 \\ \hline \end{array}$ [4]

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5. John has 243 red marbles. He has 48 more blue marbles than red marbles. How many blue marbles does he have? [4]

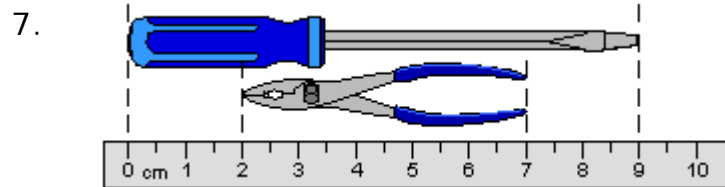
He has _____ blue marbles.

6. Peter has 290 red and blue marbles altogether. 162 of them are red.
(a) How many blue marbles does he have? [4]

He has _____ blue marbles.

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

He has _____ more red marbles.



- (a) The screwdriver is _____ cm longer than the pliers. [2]

- (b) The total length of the screwdriver and pliers is _____ cm. [2]

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8. Fill in the blanks with cm or m.

- (a) The height of a flagpole is 6 _____. [1]
- (b) The height of a man is 165 _____. [1]
- (c) Lily used 35 _____ of ribbon to make a bow. [1]
- (d) The length of a pool is 10 _____. [1]

*9. Fill in the blanks with in., ft or yd.

- (a) The height of a door is 3 _____. [1]
- (b) A caterpillar is about 2 _____ long. [1]
- (c) The kitchen is 20 _____ wide. [1]
- (d) The length of my hand is about 5 _____. [1]

10. 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 for the present? [4]

She used _____ cm of ribbon.

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

It was _____ cm longer.

11. Fill in the blanks with kg or g.

- (a) A pear weighs 130 _____. [1]
- (b) A watermelon weighs 3 _____. [1]
- (c) A boy weighs 30 _____. [1]
- (d) 5 eggs weigh 275 _____. [1]

*12. Fill in the blanks with lb or oz.

- (a) An apple weighs 6 _____. [1]
- (b) A watermelon weighs 5 _____. [1]
- (c) A boy weighs 60 _____. [1]
- (d) 28 grams weigh about the same as 1 _____. [1]

13. The total weight of an apple and a pineapple is 850 g. The apple weighs 90 g.

- (a) How much does the pineapple weigh? [3]

The pineapple weighs _____ g.

- (b) How much heavier is the pineapple than the apple? [2]

The pineapple is _____ g heavier than the apple.

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*14. Rob weighs 78 lb. His father is 56 lb heavier than Rob.

(a) How much does his father weigh? [3]

His father weighs _____ lb.

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

Together, they weigh _____ lb.

15. Fill in the blanks:

(a) $5 \times 3 =$ _____ (b) $9 \times 2 =$ _____ [4]

(c) $7 \times 3 =$ _____ (d) $24 \div 3 =$ _____ [4]

(e) $16 \div 2 =$ _____ (f) $9 \div 3 =$ _____ [4]

16. Mrs. Smith bought 5 hamburgers for her children. Each hamburger cost \$2. How much did she spend altogether? [4]

She spent \$_____ altogether.

17. Jason put 30 marbles equally into 3 jars. How many marbles are in each jar? [4]

Each jar has _____ marbles.

18. Sam saved \$3 a week. How many weeks did it take him to save \$18? [4]

It took him _____ weeks.

19. Mr. Chen has a rope 18 m long. He cuts it into equal pieces. Each piece is 2 m long. How many pieces of rope does he have? [4]

He has _____ pieces.

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20. Mr. Chen buys 2 copies of newspapers a day. How many copies of newspapers does he buy in a week? [4]

He buys _____ copies of newspapers in a week.

Answer Key

1. (a) 2; 0; 4
(b) 407
(d) 1
2. >
3. 103, 130, 301, 310
4. (a) 881 (b) 600
(c) 862 (d) 353
(e) 365 (f) 324
5. 291
6. (a) 128 (b) 34
7. (a) 4
(b) 14
8. (a) m (b) cm
(c) cm (d) m
- *9. (a) yd (b) in.
(c) ft (d) in.
10. (a) 98
(b) 28
11. (a) g (b) kg
(c) kg (d) g
- *12. (a) oz (b) lb
(c) lb (d) oz
13. (a) 760 (b) 670
- *14. (a) 134 (b) 212
15. (a) 15 (b) 18
(c) 21 (d) 8
(e) 8 (f) 3
16. 10
17. 10
18. 6
19. 9
20. 14

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