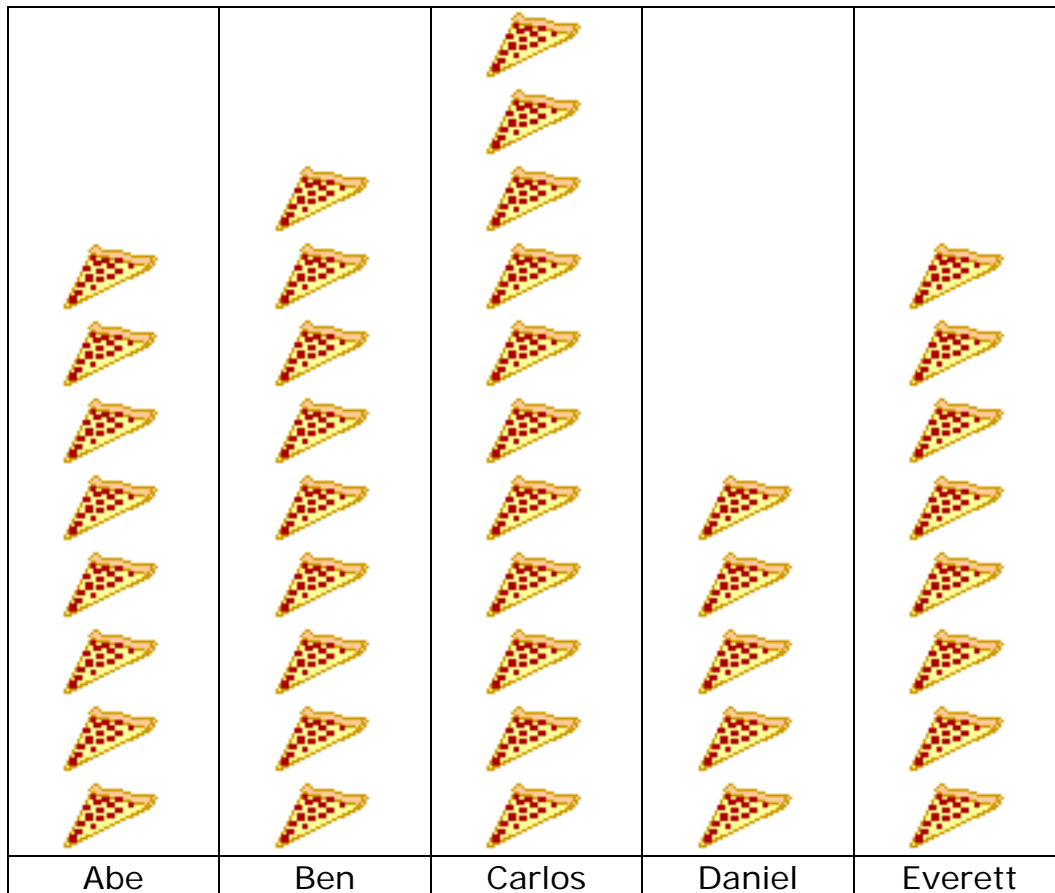


# Placement Test for Singapore Primary Mathematics 1B Standards Edition

This test covers material taught in Primary Mathematics 1B, Standards Edition  
(<http://www.singaporemath.com/>)

1. This picture graph shows the number of pizza slices five boys ate last week.

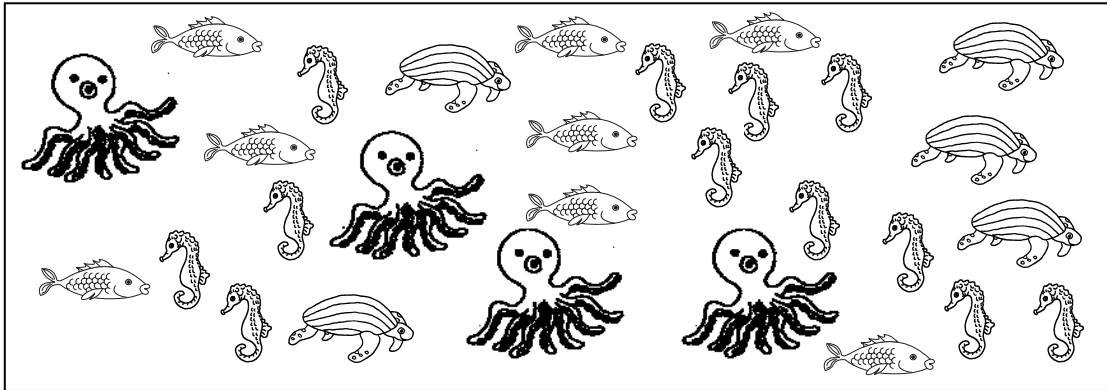


- (a) Daniel ate \_\_\_\_\_ fewer slices than Ben. [1]
- (b) \_\_\_\_\_ ate the most pizza. [1]
- (c) Everett and \_\_\_\_\_ ate the same number of slices. [1]





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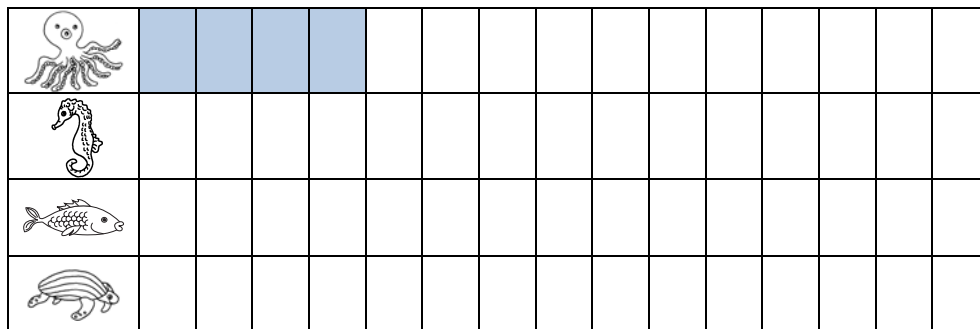
2.



(a) Complete the tally chart for each kind of sea creature. [2]

|   |      |  |  |
|---|------|--|--|
|  | //// |  |  |
|  |      |  |  |

(b) Then, complete the bar graph. [2]



(c) How many seahorses are there? \_\_\_\_\_ [1]

(d) There is the least number of which sea animal? (circle) [1]



(e) Write a subtraction sentence showing how many more seahorses there are than fish, and then write the answer. [2]

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

There are \_\_\_\_\_ more seahorses than fish.

3. Arrange the numbers 23, 13, 31, and 27 in order, beginning with the smallest. [2]

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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

(a)  $45 \bigcirc 38$  (b)  $18 \bigcirc 5$  [2]

(c)  $63 \bigcirc 66$  (d)  $83 \bigcirc 8 \text{ tens } 3 \text{ ones}$  [2]

(e)  $6 \text{ tens } \bigcirc 5 \text{ tens}$  (f)  $72 \bigcirc \text{ eighty-three}$  [2]

5. Fill in the blanks.

(a) \_\_\_\_\_ = 3 tens 4 ones [1]

(b)  $84 =$  \_\_\_\_\_ tens \_\_\_\_\_ ones [1]

(c) 8 more than twenty-two is \_\_\_\_\_ tens \_\_\_\_\_ ones [2]

(d) 10 less than 64 is \_\_\_\_\_ [1]

(e) 1 less than thirty is \_\_\_\_\_ [1]

(f) 40 more than 22 is \_\_\_\_\_ [1]

6. Fill in the blanks.

(a)  $36 + 4 =$  \_\_\_\_\_ (b)  $24 - 4 =$  \_\_\_\_\_ [2]

(c)  $30 - 8 =$  \_\_\_\_\_ (d)  $28 + 5 =$  \_\_\_\_\_ [2]

(e)  $4 + 8 + 7 =$  \_\_\_\_\_ (f)  $9 + 7 + 5 =$  \_\_\_\_\_ [2]

7.



(a) There are \_\_\_\_\_ groups of balloons. [1]

(b) There are \_\_\_\_\_ balloons in each group. [1]

(c) Fill in the blanks. [2]

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$3 \times 5 = \underline{\hspace{2cm}}$$

8. How many legs do 5 lizards have? Write the multiplication sentence. [3]



$$\square \circ \square = \square$$

9. There are 18 watermelon slices. Sue [2]  
wants to put 3 slices on each plate.  
How many plates does she need?  
She needs \_\_\_\_\_ plates.



10. There are 8 cookies. Divide the [2]  
cookies equally among four  
children.  
Each child gets \_\_\_\_\_ cookies.



11. Count by twos to fill in the blanks. [2]

8, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

12. Count backwards by tens. [2]

84, 74, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

13. Fill in the blanks.

(a)  $54 + 3 = \underline{\hspace{2cm}}$  (b)  $64 + 8 = \underline{\hspace{2cm}}$  [2]

(c)  $87 + 5 = \underline{\hspace{2cm}}$  (d)  $42 + 30 = \underline{\hspace{2cm}}$  [2]

(e)  $58 - 5 = \underline{\hspace{2cm}}$  (f)  $86 - 6 = \underline{\hspace{2cm}}$  [2]

(g)  $82 - 6 = \underline{\hspace{2cm}}$  (h)  $71 - 9 = \underline{\hspace{2cm}}$  [2]

(i) 
$$\begin{array}{r} 52 \\ + 4 \\ \hline \end{array}$$
 (j) 
$$\begin{array}{r} 61 \\ + 26 \\ \hline \end{array}$$
 (k) 
$$\begin{array}{r} 86 \\ - 4 \\ \hline \end{array}$$
 (l) 
$$\begin{array}{r} 77 \\ - 34 \\ \hline \end{array}$$
 [4]

14. Write a number sentence to solve these problems. Then fill in the blank.

(a) Peter had some marbles. He gave away 7 marbles. He now has 25 marbles left. How many marbles did Peter have at first? [4]

Peter had \_\_\_\_\_ marbles at first.

(b) Mary has 26 cookies. She put 8 of them on a plate. She put the rest in a box. How many cookies are in the box? [4]

There are \_\_\_\_\_ cookies in the box.

15. Circle Yes or No

(a) Does the line divide the letter in halves?

[1]

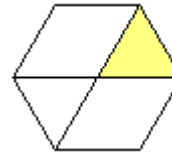
Yes      No



(b) Does the shaded part show a fourth of the shape?

[1]

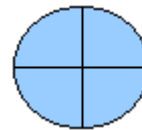
Yes      No



(c) Does the picture show fourths?

[1]

Yes      No



16. Match each clock with a different time. Fill in the blanks.

[6]



half past 8



7 o'clock



half past \_\_\_\_\_



\_\_\_\_\_ o'clock

17. Circle the answer:

(a) Do you go to school before or after 5:30 in the morning?

[1]

Before                      After

(b) Does it take longer to wash your hands or bake a cake?

[1]

Wash hands              Bake a cake

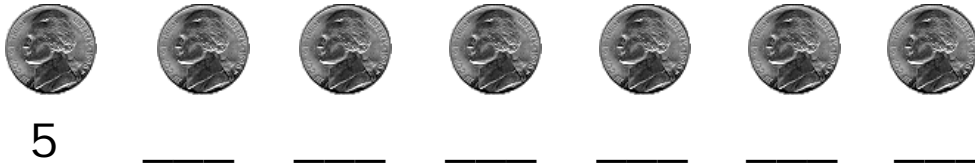
18. Anna is holding a full handful of cherries. About how many cherries could she be holding? Circle the best answer

[2]

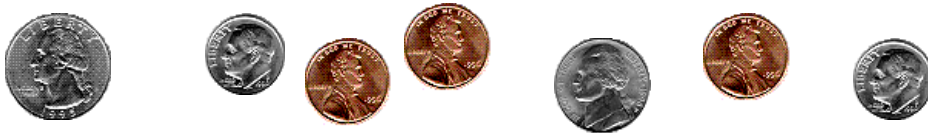
2                      12                      80

19. A ten-dollar bill can be changed for \_\_\_\_\_ five-dollar bills. [2]

20. Count by fives to count the nickels. [2]



21. How much money is there in this set of coins? \_\_\_\_\_¢ [2]



22. A camera costs \$45 and a bicycle costs \$78. How much less is the camera than the bicycle? [4]

The camera cost \$\_\_\_\_\_ less than the bicycle.

23. Laura had \$25. She has \$6 left now after buying a doll. How much did the doll cost? [4]

The doll cost \$\_\_\_\_\_.

24. Mary has \$45. She wants to buy 2 dresses. One costs \$20 and the other costs \$38. [4]

(a) How much do they both cost?

They cost \$\_\_\_\_\_.





(b) How much more money does she need? [2]

She needs \$\_\_\_\_\_ more





**Answer Key**

1. (a) 4 (b) Carlos (c) Abe

2. (a)

|   |        |   |           |
|---|--------|---|-----------|
|  | ////   |  | /// // // |
|  | /// // |  | ///       |

(b)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|
|  | ■ | ■ | ■ | ■ |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
|  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |  |  |  |  |
|  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |  |  |  |  |
|  | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |  |  |  |  |

(c) 12 (d)  (e)  $12 - 8 = 4$ ; 4

3. 13, 23, 27, 31

4. (a) > (b) >  
 (c) < (d) =  
 (e) > (f) <

5. (a) 34 (b) 8, 4  
 (c) 3, 0 (d) 54  
 (e) 29 (f) 62

6. (a) 40 (b) 20  
 (c) 22 (d) 33  
 (e) 19 (f) 21

7. (a) 3 (b) 5  
 (c)  $5 + 5 + 5$ , 15

8.  $4 \times 5 = 20$  or  $5 \times 4 = 20$

9. 6

10. 2

11. 12, 14, 16, 18





12. 65, 54, 44, 34, 24

13. (a) 57 (b) 72  
 (c) 92 (d) 72  
 (e) 53 (f) 80  
 (g) 76 (h) 62  
 (i) 56 (j) 87  
 (k) 82 (l) 43

14. (a)  $25 + 7 = 32$ ; 32  
 (b)  $26 - 8 = 18$ ; 18

15. (a) No  
 (b) No  
 (c) Yes

16.

|  |                     |   |
|--|---------------------|---|
|  | half past 8         |  |
|  | 7 o'clock           |   |
|  | half past <u>11</u> |  |
|  | <u>2</u> o'clock    |   |

17. (a) After (b) Bake a cake

18. 12

19. 2

20. 10, 15, 20, 25, 30, 35

21. 53

22. 33

23. 19

24. (a) 58 (b) 13