Placement Test for Singapore Primary Mathematics 1B

This test covers material taught in Primary Mathematics 1B
(http://www.singaporemath.com/)

1. Fill in the blanks.

   (a) _____ = 3 tens 4 ones [1]

   (b) 84 = _____ tens _____ ones [1]

   (c) 2 more than twenty-eight is _____ tens _____ ones [1]

   (d) 10 less than 64 is _____ [1]

   (e) 2 less than thirty is _____ [1]

   (f) 20 more than 42 is _____ [1]

   (g) 70 + _____ = 78 [1]

2. Count forwards by tens. [2]

   24, 34, _____ , _____, _____, _____

3. Count backwards by tens. [2]

   80, 70, _____ , _____, _____, _____

4. Write >, <, or = in each ◯

   (a) 45 ◯ 38 (b) 18 ◯ 5 [2]

   (c) 63 ◯ 66 (d) 83 ◯ 8 tens 3 ones [2]

   (e) 6 tens ◯ 5 tens (f) 72 ◯ eighty-three [2]

5. Which number is the smallest, 62, 26, or 52? _____ [1]

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

_____, _____, _____, _____

7. Fill in the blanks.

(a) 36 + 4 = _____ (b) 24 – 4 = _____ [2]

(c) 30 – 8 = _____ (d) 28 + 5 = _____ [2]

(e) 31 – 9 = (f) 16 + 7 = _____ [2]

(g) 4 + 8 + 7 = _____ (h) 2 + 7 + 5 = _____ [2]

8. Write an equation to solve these problems. Then fill in the blank. Show your work.

(a) Kim has 22 books. She gave 4 to her younger sister. How many books does she have now? [3]

Kim has _____ books now.

(a) Peter had some marbles. He gave away 7 marbles. He now has 25 marbles left. How many marbles did Peter have at first? [3]

Peter had _____ marbles at first.

(c) 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? [3]

There are _____ cookies in the box.

(d) Sam has 5 computer games. His brother and sister each have 7 games. How many games to the 3 children have? [3]

They have _____ games.

9. Fill in the blanks.

(a) 54 + 3 = _____ (b) 64 + 8 = _____ [2]

(c) 87 + 5 = _____ (d) 42 + 30 = _____ [2]

(e) 40 + 38 = _____ (f) 34 + 65 = _____ [2]

(g) 58 – 5 = _____ (h) 86 – 6 = _____ [2]

(i) 82 – 6 = _____ (j) 70 – 20 = _____ [2]

(k) 84 – 30 = _____ (l) 89 – 38 = _____ [2]

(m) $\begin{array}{r} 52 \\ +\ 8 \\ \hline \end{array}$ (n) $\begin{array}{r} 57 \\ +\ 25 \\ \hline \end{array}$ (o) $\begin{array}{r} 86 \\ -\ 4 \\ \hline \end{array}$ (p) $\begin{array}{r} 62 \\ -\ 28 \\ \hline \end{array}$ [4]

10. Write an equation to solve these problems. Then fill in the blank. Show your work.

(a) Kim bought some pansies. She planted 45 of them and has another 15 to plant. How many pansies did she buy? [3]

Kim bought _____ pansies.

(b) Pete collected 52 seashells. 20 of them were broken. How many unbroken seashells does he have? [3]

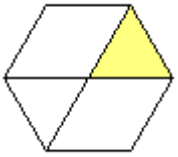
Pete has _____ unbroken seashells.

11. Circle Yes or No

(a) Does the line divide the letter in halves? [2]

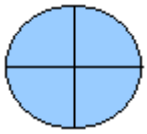
Yes No

(b) Does the shaded part show a fourth of the shape? [1]



Yes No

(c) Does the picture show fourths? [1]



Yes No

12. Circle the answer:

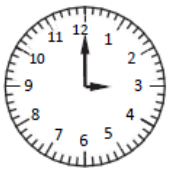
(a) Do you go to school before or after 5:30 in the morning? [1]

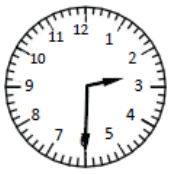
Before After

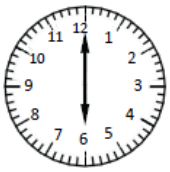
(b) Does it take longer to wash your hands or bake a cake? [1]

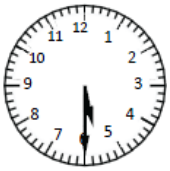
Wash hands Bake a cake

13. Match each clock with a different time. [4]









- Half past 5
- 3 o'clock
- 6:00
- 2:30

14.

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

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

(c) Fill in the blanks. [2]

_____ + _____ + _____ = _____

3 x 5 = _____

15. How many legs do 5 lizards have? Write the multiplication equation. [2]

□ ○ □ = □

16.  [2]

There are 18 watermelon slices. Sue wants to put 3 slices on each plate. How many plates does she need?

She needs _____ plates.

17.  [2]

There are 8 cookies. Divide the cookies equally among four children.

Each child gets _____ cookies.

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]

5 ___ ___ ___ ___ ___ ___

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? [3]

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? [3]

The doll cost $_____.

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

(a) How much do they both cost? [2]

They cost $_____.

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

She needs $_____ more.

Answer Key

1. (a) 34
   (b) 8; 4
   (c) 3; 0
   (d) 54
   (e) 28
   (f) 62
   (g) 8

2. 44, 54, 64, 74

3. 60, 50, 40, 30

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

5. 26

6. 31, 27, 23, 13

7. (a) 40 (b) 20
   (c) 22 (d) 33
   (e) 22 (f) 23
   (g) 19 (h) 14

8. (a) 22 – 4 = 18
   18
   (b) 25 + 7 = 32
   32
   (c) 26 – 8 = 18
   18
   (d) 5 + 7 + 7 = 19
   19

9. (a) 57 (b) 72
   (c) 92 (d) 72
   (e) 78 (f) 99
   (g) 53 (h) 80
   (i) 76 (j) 50
   (k) 54 (l) 51
   (m) 60 (n) 82
   (o) 82 (p) 34

10. (a) 45 + 15 = 60
    60
    (b) 52 – 20 = 32
    32

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

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

13. 3 o'clock
    2:30
    6:00
    Half past 5

14. (a) 3
    (b) 5
    (c) 5 + 5 + 5 = 15
    15

15. 4 x 5 = 20

16. 6

17. 2

18. 12

19. 2

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

21. 53

22. 78 – 45 = 33
    33

23. 25 – 6 = 19
    19

24. (a) 20 + 38 = 58
    58
    (b) 58 – 45 = 13
    13