## Assessment Test for Singapore Primary Mathematics 2B

This test covers material taught in Primary Mathematics 2B

([http://www.singaporemath.com/](http://www.singaporemath.com/))

1. Fill in the blanks with the missing numbers.

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<table>
<thead>
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<tbody>
<tr>
<td>(a) ______ + 22 = 40</td>
<td>(b) 58 + ______ = 72</td>
</tr>
<tr>
<td>(c) ______ - 28 = 54</td>
<td>(d) 48 - ______ = 19</td>
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2. Use mental math to solve:

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<tbody>
<tr>
<td>(a) 43 + ______ = 100</td>
<td>(b) 100 - 62 = ______</td>
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<td>(c) 485 + 7 = ______</td>
<td>(d) 785 + 60 = ______</td>
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<tr>
<td>(e) 543 + 300 = ______</td>
<td>(f) 37 + 99 = ______</td>
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<td>(g) 98 + 458 = ______</td>
<td>(h) 406 - 9 = ______</td>
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<tr>
<td>(i) 750 - 70 = ______</td>
<td>(j) 859 - 300 = ______</td>
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<tr>
<td>(k) 300 - 98 = ______</td>
<td>(l) 812 - 99 = ______</td>
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3. Fill in the blanks:
   
   (a)  $6 \times 4 = \underline{24}$     
   (b)  $5 \times 5 = \underline{25}$     

   (c)  $5 \times 8 = \underline{40}$     
   (d)  $10 \times 7 = \underline{70}$     

   (e)  $16 \div 4 = \underline{4}$     
   (f)  $28 \div 4 = \underline{7}$     

   (g)  $35 \div 5 = \underline{7}$     
   (h)  $40 \div 10 = \underline{4}$     

4. 32 cookies were divided among some children. Each child got 4 cookies. How many children were there?  

   There were _______ children.

5. Mrs. Li paid $30 for 5 bags of apples. What was the cost of 1 bag of apples?  

   1 bag of apples cost $\underline{6}.

6. 23 sticks are tied into bundles of 5. How many sticks are left over?  

   _______ sticks are left over.
7. Paul read 10 pages in a book a day. After reading the book each day for a week, he still had 45 pages to read.
   (a) How many pages did he read in the week? [1]

   He read _______ pages in the week.

   (b) How many pages were in the book? [2]

   There were _______ pages in the book.

8. 26 people are going on a field trip in vans. Each van can hold 10 people besides the driver. How many vans are needed? [3]

   _______ vans are needed.

9. Fill in the blanks:
   (a) 203¢ = $_______  (b) $6.96 = _______¢ [2]

10. Add or subtract.
    (a) $4.65 + $2.85  (b) $5.35 – $2.75 [2]
11. Write the amount of money in dollars and cents.
   (a) 6 dimes, 2 nickels, 3 quarters
   (b) 1 five-dollar bill, 6 quarters, 5 pennies.

12. Maria wants to buy a book that costs $3.40. She has 2 one-dollar bills, 2 quarters, 4 dimes, and 3 nickels.
   (a) How much money does she have?
   She has $______.
   (b) How much more money does she need to buy the book?
   She needs $______.

13. Use mental math to solve.
   (a) $6.05 + $2.85 = $______  (b) $3.60 − 15¢ = $______
   (c) $10 − $8.95 = $______  (d) $3 − 55¢ = $______

The doll costs $_______ less than the robot.

15. Mark spent $2.35 on lunch. His brother spent 65¢ more. How much did his brother spend?

His brother spent $_______.

16. Paul wanted to buy two candy bars. One cost $0.55 and the other cost $0.35. He gave the cashier 4 quarters. How much change did he receive?

He received $_______ in change.

17. What fraction of the shape is shaded?
18. Write the missing fractions.

(a) \[
\begin{array}{c}
0 & \frac{2}{5} & \frac{4}{5} & 1
\end{array}
\]

(b) \[
\begin{array}{c}
0 & \frac{1}{5} & \frac{3}{5} & 1
\end{array}
\]

19. \(\frac{4}{7}\) and \(\square\) make 1 whole.

20. Arrange the fractions in order, beginning with the smallest.
\[
\frac{1}{6} \quad \frac{1}{8} \quad \frac{1}{2} \quad \frac{1}{3}
\]

\[
\underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}
\]

21. (a) Mary ate \(\frac{1}{3}\) of a pizza and Amy ate \(\frac{1}{5}\) of the same pizza. Who ate more pizza?

(b) After Amy ate some more pizza, \(\frac{1}{4}\) of the pizza was left. How much pizza was eaten?
22. Fill in the blanks.

(a) It is _____:_____.
    It is _____ minutes to ______

(b) It is _____:_____.
    It is _____ minutes past ______

(c) It is _____:_____.
    It is _____ minutes to ______

23. Write the time. Use a.m. or p.m.

(a) Sam is waking up.
    It is ____________.

(b) Now he is coming home from school.
    It is ____________.

24. Fill in the blanks with the time.

(a) Noon is at _______ p.m.

(b) It is an hour after midnight. It is _______ a.m.
25. This picture graph shows the amounts of money four girls have.

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<table>
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<tbody>
<tr>
<td>Jo</td>
<td>🌟🌟🌟🌟🌟🌟🌟🌟</td>
<td>Each 🌟 stands for 4 dollars</td>
</tr>
<tr>
<td>Meg</td>
<td>🌟🌟🌟🌟</td>
<td></td>
</tr>
<tr>
<td>Amy</td>
<td>🌟🌟🌟🌟🌟🌟🌟</td>
<td></td>
</tr>
<tr>
<td>Beth</td>
<td>🌟🌟🌟🌟</td>
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</table>

(a) Jo has ___________ dollars more than Amy. [1]
(b) Beth has ___________ dollars less than Meg. [1]
(c) Meg used all her money to buy some dolls. Each doll cost $6. She bought _______ dolls. [2]
(d) Paula has $24. If her information were added to the table, _______ stars would be used to show how much money she has. [2]

26. Some students used a ruler and string to measure the length of a room at their school to the closest foot and recorded their results in a line plot.

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<tr>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
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(a) What is the most common length measured? [1]
(b) What is the difference between the longest and the shortest length recorded? [1]
27. This block has ______ flat surfaces.

28. Circle the correct answer.
   The flat surfaces on a cube are shaped like
   
   Squares   Triangles   Circles   Rectangles

29. Draw lines to show how this shape is formed using a rectangle, a triangle, and a semicircle.

30. Color the last shape to continue the pattern.

31. Study the pattern. Draw the figure that comes next.
32. What type of polygon is this figure? Circle the answer. [1]

quadrilateral  pentagon  hexagon  octagon

(b) The polygon has __________ angles. [1]

33. Draw a quadrilateral. [2]
Answer Key

1. (a) 18  (c) 82  (e) 843  (g) 556  (i) 680  (k) 202  (a) 24  (c) 40  (e) 4  (g) 7
   (b) 14  (d) 29  (f) 136  (h) 397  (j) 559  (l) 713
   (b) 25  (d) 70  (f) 7  (h) 4

2. (a) 57  (c) 492  (e) 843  (g) 556  (i) 680  (k) 202
   (b) 38  (d) 845  (f) 136  (h) 397  (j) 559  (l) 713
   (c) 82  (d) 29  (f) 7  (h) 4

3. (a) 24  (b) 25  (c) 40  (d) 70  (e) 4  (f) 7
   (g) 7  (h) 4

4. 8

5. 6

6. 3

7. (a) 70  (b) 115

8. 3

9. (a) 2.03  (b) 696

10. (a) $7.50  (b) $2.60

11. (a) $1.45  (b) $6.55

12. (a) 3.05  (b) 0.35

13. (a) 8.90  (b) 3.45
   (c) 1.05  (d) 2.45

14. 2.05

15. 3.00

16. 0.10

17. \( \frac{5}{9} \)

18. (a) \( \frac{1}{5} \); \( \frac{3}{5} \)
   (b) \( \frac{1}{3} \); \( \frac{2}{3} \)

19. \( \frac{3}{7} \)

20. \( \frac{1}{2} \); \( \frac{1}{3} \); \( \frac{1}{2} \)

21. (a) Mary
   (b) \( \frac{3}{4} \)

22. (a) 6:40
   (b) 6:05
   (c) 2:45

23. (a) 6:00 a.m.
   (b) 2:35 p.m.

24. (a) 12:00
   (b) 1:00

25. (a) 12
   (b) 4
   (c) 2
   (d) 6

26. (a) 15 ft
   (b) 8 ft

27. 6

28. Squares

29. 

30. 

31. 

32. (a) Pentagon
   (b) 5

33. Check drawing. It should be a polygon with 4 sides.