

Assessment Test for Singapore Primary Mathematics 2B Common Core Edition

This test covers material taught in Primary Mathematics 2B Common Core Edition
(<http://www.singaporemath.com/>)

1. Fill in the blanks with the missing numbers.

$$(a) \quad \underline{\hspace{2cm}} + 22 = 40$$

$$(b) \quad 58 + \underline{\hspace{2cm}} = 72$$

[2]

$$(c) \quad \underline{\hspace{2cm}} - 28 = 54$$

$$(d) \quad 48 - \underline{\hspace{2cm}} = 19$$

[2]

2. Use mental math to solve:

$$(a) \quad 43 + \underline{\hspace{2cm}} = 100$$

$$(b) \quad 100 - 62 = \underline{\hspace{2cm}}$$

[2]

$$(c) \quad 485 + 7 = \underline{\hspace{2cm}}$$

$$(d) \quad 785 + 60 = \underline{\hspace{2cm}}$$

[2]

$$(e) \quad 543 + 300 = \underline{\hspace{2cm}}$$

$$(f) \quad 37 + 99 = \underline{\hspace{2cm}}$$

[2]

$$(g) \quad 98 + 458 = \underline{\hspace{2cm}}$$

$$(h) \quad 406 - 9 = \underline{\hspace{2cm}}$$

[2]

$$(i) \quad 750 - 70 = \underline{\hspace{2cm}}$$

$$(j) \quad 859 - 300 = \underline{\hspace{2cm}}$$

[2]

$$(k) \quad 300 - 98 = \underline{\hspace{2cm}}$$

$$(l) \quad 812 - 99 = \underline{\hspace{2cm}}$$

[2]

3. Fill in the blanks:

(a) $6 \times 4 = \underline{\hspace{2cm}}$ (b) $5 \times 5 = \underline{\hspace{2cm}}$ [2]

(c) $5 \times 8 = \underline{\hspace{2cm}}$ (d) $10 \times 7 = \underline{\hspace{2cm}}$ [2]

(e) $16 \div 4 = \underline{\hspace{2cm}}$ (f) $28 \div 4 = \underline{\hspace{2cm}}$ [2]

(g) $35 \div 5 = \underline{\hspace{2cm}}$ (h) $40 \div 10 = \underline{\hspace{2cm}}$ [2]

4. 32 cookies were divided among some children. Each child got 4 cookies. How many children were there? [2]

There were $\underline{\hspace{2cm}}$ children.

5. Mrs. Li paid \$30 for 5 bags of apples. What was the cost of 1 bag of apples? [2]

1 bag of apples cost \$ $\underline{\hspace{2cm}}$.

6. 23 sticks are tied into bundles of 5. How many sticks are left over? [2]

$\underline{\hspace{2cm}}$ 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) $203\text{¢} = \$$ _____ (b) $\$6.96 =$ _____ ¢ [2]

10. Add or subtract.

(a)
$$\begin{array}{r} \$4.65 \\ + \$2.85 \\ \hline \end{array}$$
 (b)
$$\begin{array}{r} \$5.35 \\ - \$2.75 \\ \hline \end{array}$$
 [2]

11. Write the amount of money in dollars and cents.

(a) 6 dimes, 2 nickels, 3 quarters [2]

(b) 1 five-dollar bill, 6 quarters, 5 pennies. [2]

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? [2]

She has \$_____.

(b) How much more money does she need to buy the book? [2]

She needs \$_____.

13. Use mental math to solve.

(a) $\$6.05 + \$2.85 = \$______$ (b) $\$3.60 - 15\text{¢} = \$______$ [2]

(c) $\$10 - \$8.95 = \$______$ (d) $\$3 - 55\text{¢} = \$______$ [2]

14. A toy robot costs \$6.90. A doll costs \$4.85. How much less does the doll cost than the robot? [3]

The doll costs \$_____ less than the robot.

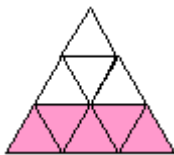
15. Mark spent \$2.35 on lunch. His brother spent 65¢ more. How much did his brother spend? [3]

His brother spent \$_____.

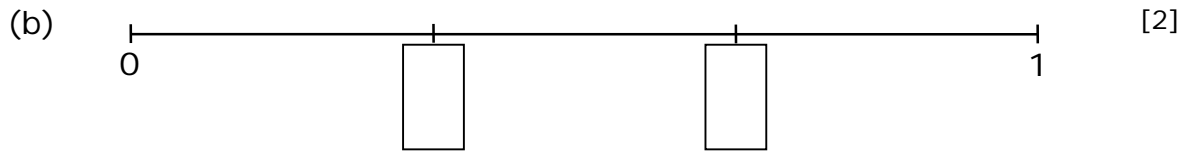
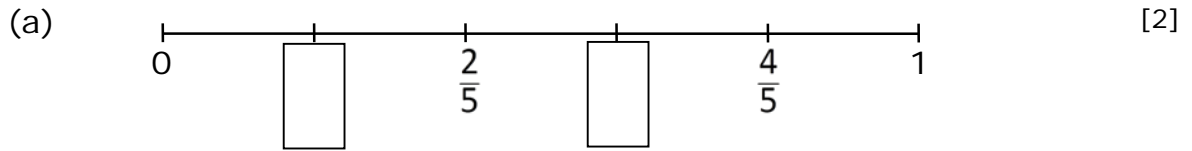
16. Paul wanted to buy two candy bars. One cost \$0.55 and the other cost \$0.35. He gave the cashier 4 quarters. How much change did he receive? [3]

He received \$_____ in change.

17. What fraction of the shape is shaded? [1]



18. Write the missing fractions.



19. $\frac{4}{7}$ and $\frac{\square}{\square}$ make 1 whole. [1]

20. Arrange the fractions in order, beginning with the smallest. [2]

$$\frac{1}{6} \quad \frac{1}{8} \quad \frac{1}{2} \quad \frac{1}{3}$$

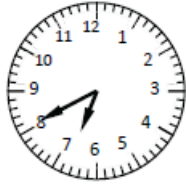
_____ / _____ / _____ / _____

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

(b) After Amy ate some more pizza, $\frac{1}{4}$ of the pizza was left. How much pizza was eaten? [2]

22. Fill in the blanks.

(a)



It is _____:_____.

It is _____ minutes to _____

[2]

(b)

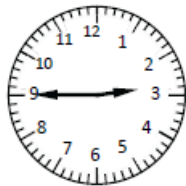


It is _____:_____.

It is _____ minutes past _____

[2]

(c)



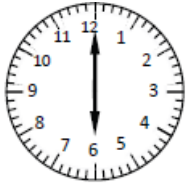
It is _____:_____.

It is _____ minutes to _____

[2]

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

(a)

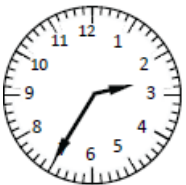


Sam is waking up.

It is _____.

[1]

(b)



Now he is coming home from school.

It is _____.

[1]

24. Fill in the blanks with the time.

(a) Noon is at _____ p.m.

[1]

(b) It is an hour after midnight. It is _____ a.m.

[1]

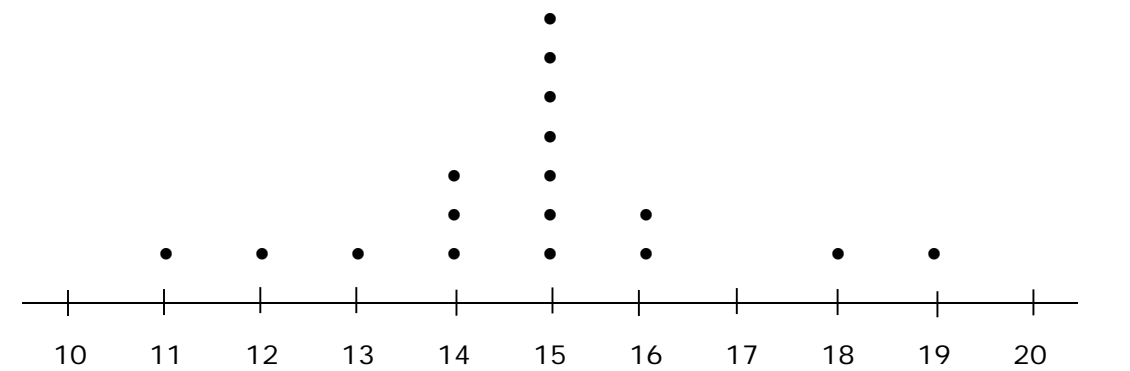
25. This picture graph shows the amounts of money four girls have.

Jo	
Meg	
Amy	
Beth	

Each  stands for 4 dollars

- (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.



- (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.

[1]

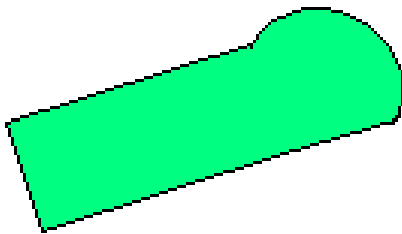
28. Circle the correct answer.

The flat surfaces on a cube are shaped like

Squares Triangles Circles Rectangles

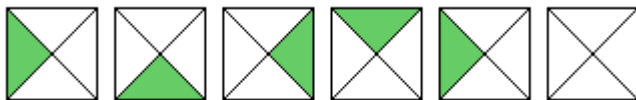
[1]

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



[2]

30. Color the last shape to continue the pattern.



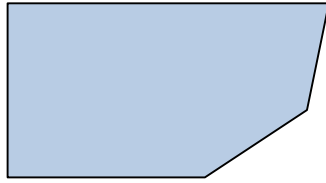
[1]

31. Study the pattern. Draw the figure that comes next.



[1]

32.



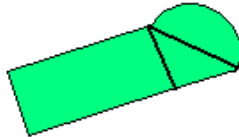

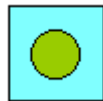
(a) What type of polygon is this figure? Circle the answer. [1]

quadrilateral pentagon hexagon octagon

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

33. Draw a quadrilateral. [2]

Answer Key

1. (a) 18 (b) 14
(c) 82 (d) 29
2. (a) 57 (b) 38
(c) 492 (d) 845
(e) 843 (f) 136
(g) 556 (h) 397
(i) 680 (j) 559
(k) 202 (l) 713
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. $\frac{1}{8}$ $\frac{1}{6}$ $\frac{1}{3}$ $\frac{1}{2}$
21. (a) Mary
(b) $\frac{3}{4}$
22. (a) 6:40
20; 7
(b) 6:05
5; 6
(c) 2:45
15; 3
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.