

Placement Test for Singapore Primary Mathematics 2B

This test covers material taught in Primary Mathematics 2B

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

1.	Fill in the blanks with the missing numbers.	
(a)	_____ - 18 = 54	[2]
(b)	58 + _____ = 72	[2]
(c)	48 - _____ = 19	[2]
2.	Use mental math to solve:	
(a)	42 + _____ = 100	(b) 785 + 60 = _____ [4]
(c)	99 + 37 = _____	(d) 450 - 70 = _____ [4]
(e)	87 - 16 = _____	(f) 712 - 99 = _____ [4]
3.	Fill in the blanks:	
(a)	6 x 4 = _____	(b) 5 x 5 = _____ [4]
(c)	5 x 8 = _____	(c) 28 ÷ 4 = _____ [4]
(e)	35 ÷ 5 = _____	(d) 40 ÷ 4 = _____ [4]
4.	32 cookies were divided among some children. Each child got 4 cookies. How many children were there?	[3]

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5.	Mrs. Li paid \$30 for 5 kg of apples. What was the cost of 1 kg of apples?	[3]	
6.	Paul read 10 pages of 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?	[3]	
	(b) How many pages were in the book?	[2]	
7.	203¢ = \$_____	[1]	
8.	Add or subtract.		
	(a) $\begin{array}{r} \$4.65 \\ + \$2.85 \\ \hline \end{array}$	(b) $\begin{array}{r} \$5.35 \\ - \$2.75 \\ \hline \end{array}$	[4]
*9.	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]	

10. Use mental math to solve.

(a) $\$6.05 + \$2.85 = \$\underline{\hspace{2cm}}$ [2]

(b) $\$3.60 - 15\text{¢} = \$\underline{\hspace{2cm}}$ [2]

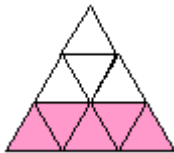
(c) $\$3 - 55\text{¢} = \$\underline{\hspace{2cm}}$ [2]

(d) $\$10 - \$8.95 = \$\underline{\hspace{2cm}}$ [2]

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

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

11. What fraction of the shape is shaded? [2]



12. $\frac{4}{7}$ and $\underline{\hspace{2cm}}$ make 1 whole. [1]

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

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

$\underline{\hspace{2cm}}$, $\underline{\hspace{2cm}}$, $\underline{\hspace{2cm}}$, $\underline{\hspace{2cm}}$

14. Fill in the blanks.

(a)



It is _____:_____.

[2]

It is _____ minutes to _____

(b)



John left his house at 9:45 a.m. He took 25 minutes to drive to the store. He arrived at

[2]

_____ a.m. or p.m.? _____

(c)



David went on to visit friends. He left at 10:30 a.m. and came back home 3 hours later. He got

[2]

home at _____ a.m. or p.m.? _____

(d)



A test started at 10:30 a.m.

[1]

It ended at 11:20 a.m. How long did it last?

It lasted _____ minutes.

*15. True or False?

(a) A quart container holds more water than a gallon container.

[1]

(b) A pint is less than a quart. _____

[1]





16. A tank can hold 8 pails of water. The capacity of the pail is 4 liters. What is the capacity of the tank?

[3]

17. The capacity of a jug is 3 liters. Kerry needs 18 liters of juice for a party. How many jugs of juice will she have to make?


[3]


18. 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. [2]
- (b) Beth has _____ dollars less than Meg. [2]
- (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]

19.  This shape has _____ flat face(s) and _____ curved face(s). [2]

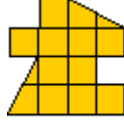
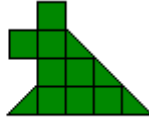
20.  Draw lines to show how this shape is formed using a rectangle, a triangle, and a semicircle [2]

21. Study the pattern. Draw the shape that comes next. [2]



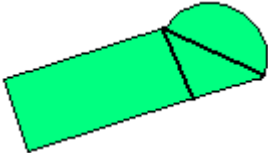

22. (a) Which shape is larger, A or B? _____ [1]

(b) How much larger? _____ square units [2]

A **B**

Answer Key

1. (a) 72 (b) 14 (c) 29
2. (a) 58 (b) 845
(c) 136 (d) 380
(e) 71 (f) 613
3. (a) 24 (b) 25
(c) 40 (d) 7
(e) 7 (f) 10
4. 8 children
5. \$6
6. (a) 70 pages (b) 115 pages
7. 2.03
8. (a) \$7.50 (c) \$2.60
- *9. \$0.10
10. (a) 8.90 (b) 3.45
(c) 2.45 (d) 1.05
(e) \$2.05 (f) \$3.00
11. $\frac{5}{9}$
12. $\frac{3}{7}$
13. $\frac{1}{8}$ $\frac{1}{6}$ $\frac{1}{3}$ $\frac{1}{2}$
14. (a) 1:50; 10; 2 (b) 10:10 a.m.
(c) 1:30 p.m. (d) 50
15. (a) false (b) true
16. 32 liters
17. 6 jugs
18. (a) 12 (b) 4
(c) 2 (d) 6
19. 5:0
20. 
21. 
22. (a) A (b) 2

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