

Assessment Test for Singapore Primary Mathematics 2B Standards Edition

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

1. Fill in the blanks with the missing numbers.

(a) _____ + 22 = 40

(b) 58 + _____ = 72 [2]

(c) _____ - 18 = 54

(d) 48 - _____ = 19 [2]

2. Use mental math to solve:

(a) 43 + _____ = 100

(b) 100 - 62 = _____ [2]

(c) 485 + 7 = _____

(d) 785 + 60 = _____ [2]

(e) 543 + 300 = _____

(f) 39 + 27 = _____ [2]

(g) 37 + 99 = _____

(h) 98 + 458 = _____ [2]

(i) 406 - 9 = _____

(j) 750 - 70 = _____ [2]

(k) 859 - 300 = _____

(l) 85 - 56 = _____ [2]

(m) 300 - 98 = _____

(n) 812 - 99 = _____ [2]

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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 kg of apples. What was the cost of 1 kg of apples? [2]

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

6. 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. [2]

(a) How many pages did he read in the week? [2]

He read $\underline{\hspace{2cm}}$ pages in the week.

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

There were $\underline{\hspace{2cm}}$ pages in the book.

7. 23 sticks are tied into bundles of 5. How many sticks are left over? [2]

_____ sticks are left over.

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? [2]

_____ vans are needed.

9. Fill in the blanks:

(a) $203\text{¢} = \$\underline{\hspace{2cm}}$

(b) $\$6.96 = \underline{\hspace{2cm}}\text{¢}$

[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. 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? [2]

He received \$_____ in change.

12. 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]

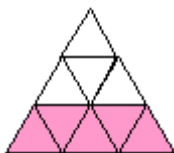
(e) A toy robot costs \$6.90. A doll costs \$4.85. How much less does the doll cost than the robot? [2]

The doll costs $______$ less than the robot.

(f) Mark spent \$2.35 on lunch. His brother spent 65¢ more. How much did his brother spend? [2]

His brother spent $______$.

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



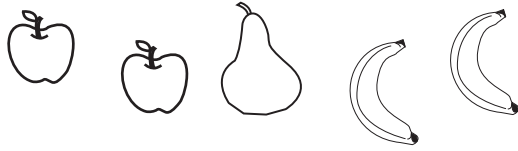
14. $\frac{4}{7}$ and $\frac{\square}{\square}$ make 1 whole. [1]

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

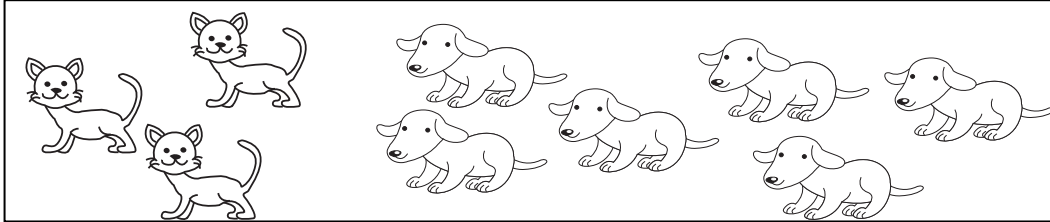
$\frac{1}{6}$ $\frac{1}{8}$ $\frac{1}{2}$ $\frac{1}{3}$

_____ , _____ , _____ , _____

16. What fraction of the fruit are apples? [2]



17. What fraction of the animals are cats? Circle the correct answer. [2]



- $\frac{1}{2}$ $\frac{1}{3}$ $\frac{5}{9}$ $\frac{3}{5}$

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

[1]

It lasted _____ minutes.

19. Write $>$, $<$, or $=$ in each

(a) 2 days 15 hours (b) 2 months 15 weeks [2]

(c) 38 days 1 month (d) 60 seconds 1 min. [2]

(e) 1 liter 1 quart (f) 2 quarts 1 gallon [2]

(g) 2 pints 1 quart (h) 2 pints 1 cup [2]

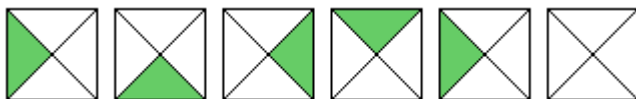
20. A tank can hold 8 buckets of water. The capacity of the bucket is 4 liters. What is the capacity of the tank? [2]

The capacity of the tank is _____ liters.

21. The capacity of a jug is 3 quarts. Kerry needs 18 quarts of juice for a party. How many jugs of juice will she have to make? [2]

She will have to make _____ jugs.

22. Color the last shape to continue the pattern. [1]



23. Study the pattern. Draw the figure that comes next. [1]



24. Fill in the blanks.

(a)



A rectangular prism has _____ faces and _____ vertices. [2]

25. Circle the correct answer.

The faces on a cube are shaped like

[1]

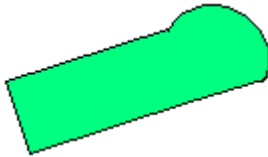
Squares

Triangles

Circles

Rectangles

26.



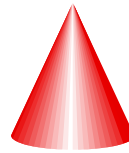
Draw lines to show how this shape is formed using a rectangle, a triangle, and a semicircle

[2]

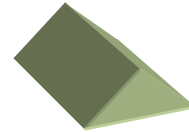
27. (a) Match

[2]

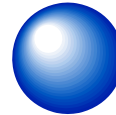
Pyramid



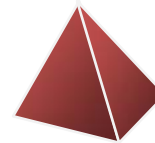
Cone



Prism



Cylinder



Sphere



(b) Which of these shapes has curved surfaces? Write their names.

[2]

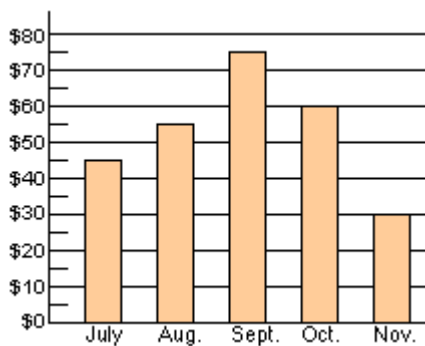
28. This picture graph shows the amounts of money four girls have.

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. [1]
- (d) Paula has \$24. If her information were added to the table, _____ stars would be used to show how much money she has. [2]

29. This bar graph shows David's savings for five months.



- (a) David saved \$_____ in August. [1]
- (b) He saved the least money in _____ [1]
- (c) In _____ he saved twice as much as in November. [1]
- (d) He saved \$_____ more in October than in July. [2]


Answer Key


1. (a) 18 (b) 14
(c) 72 (d) 29
2. (a) 57 (b) 38
(c) 492 (d) 845
(e) 843 (f) 66
(g) 136 (h) 556
(i) 397 (j) 680
(k) 559 (l) 29
(m) 202 (n) 713
3. (a) 24 (b) 25
(c) 40 (d) 70
(e) 4 (f) 7
(g) 7 (h) 4
4. 8
5. 6
6. (a) 70 (b) 115
7. 3
8. 3
9. (a) 2.03 (b) 696
10. (a) \$7.50 (b) \$2.60
11. 0.10
12. (a) 8.90 (b) 3.45
(c) 1.05 (d) 2,45
(e) 2.05 (f) 3.00
13. $\frac{5}{9}$
14. $\frac{3}{7}$
15. $\frac{1}{8}$ $\frac{1}{6}$ $\frac{1}{3}$ $\frac{1}{2}$
16. $\frac{2}{5}$
17. $\frac{1}{3}$
18. (a) 1:50; 10; 2 (b) 10:10 a.m.
(c) 1:30 p.m. (d) 50

19. (a) > (b) <
(c) > (d) =
(e) > (f) <
(g) = (h) >

20. 32

21. 6

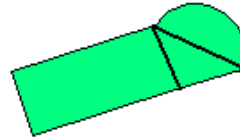
22. 

23. 

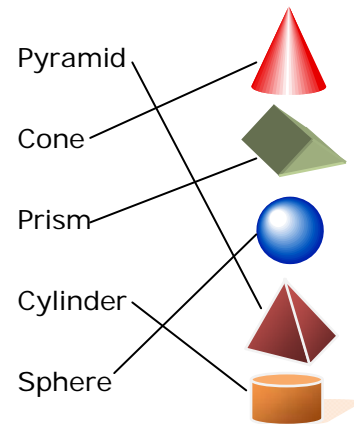
24. 6; 8

25. Squares

26.



27. (a)



(b) cone, sphere, cylinder

28. (a) 12 (b) 4
(c) 2 (d) 6
29. (a) 55 (b) Nov.
(c) Oct. (d) 15