

Assessment Test for Singapore Primary Mathematics 3B U.S. Edition

This test covers material taught in Primary Mathematics 3B, U.S. Edition
(<http://www.singaporemath.com/>)

1. Use mental calculation.

(a) $34 + 28 =$ (b) $62 - 37 =$ [4]

(c) $600 \times 5 =$ (d) $3600 \div 9 =$ [4]

2. Fill in the blanks.

(a) $5 \text{ m} - 3 \text{ m } 45 \text{ cm} =$ _____ m _____ cm [2]

(b) $3408 \text{ m} =$ _____ km _____ m [2]

(c) $3 \text{ kg } 250 \text{ g} - 1 \text{ kg } 600 \text{ g} =$ _____ kg _____ g [2]

(d) $3 \text{ L } 6 \text{ ml} =$ _____ ml [2]

(e) $4 \text{ L } 400 \text{ ml} + 680 \text{ ml} =$ _____ L _____ ml [2]

(f) $5 \text{ h } 10 \text{ min} - 3 \text{ h } 25 \text{ min} =$ _____ h _____ min [2]

(g) $1 \text{ year } 8 \text{ months} =$ _____ months [2]

(h) $30 \text{ days} =$ _____ weeks _____ days [2]

(i) $4 \text{ yd } 1 \text{ ft} - 1 \text{ yd } 2 \text{ ft} =$ _____ yd _____ ft [2]

(j) $6 \text{ ft } 7 \text{ in.} + 2 \text{ ft } 10 \text{ in.} =$ _____ ft _____ in. [2]

(k) $3 \text{ lb} - 2 \text{ lb } 5 \text{ oz} =$ _____ lb _____ oz [2]

(l) $13 \text{ gal } 1 \text{ qt} - 2 \text{ gal } 3 \text{ qt} =$ _____ gal _____ qt [2]

Copyright © 2001 [SingaporeMath.com Inc.] All rights reserved.

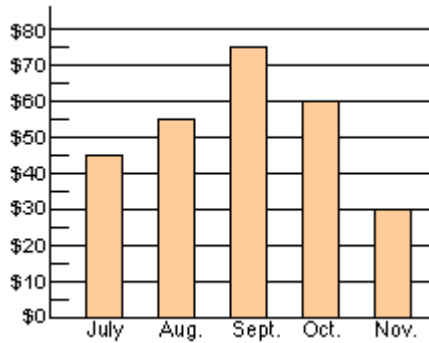
This assessment test and answer key may be printed out and used by individuals at no cost. They may not be copied or incorporated into any other document. Please see legal (<http://www.singaporemath.com/terms.asp>) for more information.

3. A melon is 5 times as heavy as an orange. If the orange weighs 450 g, find the weight of the melon. Give your answer in kilograms and grams. [5]

4. John took 2 h 40 min to paint his room. He finished at 1:30 p.m. What time did he begin painting his room? [5]

5. String A is 85 cm long. String B is twice as long. String C is 30 cm shorter than string B. How long is string C? Give your answer in meters and centimeters. [5]

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



Use the graph to answer the following questions.

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

7. Find the missing numbers for the top or bottom of the fractions.

- (a) $\frac{2}{3} = \frac{\square}{12} = \frac{4}{\square}$ (b) $\frac{6}{18} = \frac{\square}{6} = \frac{1}{\square}$ [4]

8. Circle the larger fraction.

- (a) $\frac{4}{5}$ $\frac{4}{9}$ (b) $\frac{2}{3}$ $\frac{5}{6}$ [2]

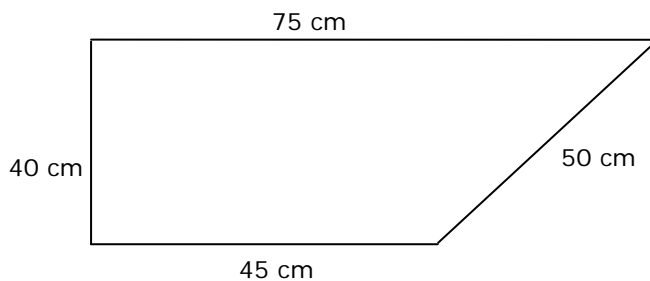
9. Peter, Sam, and Mary shared a pizza. Peter and Sam each had $\frac{2}{5}$ of the pizza. How much pizza did Mary have? [4]

10. Melissa ate $\frac{2}{6}$ of a pie. Sara ate $\frac{1}{2}$ of the pie.

(a) Who ate a bigger portion of the pie? [2]

(b) How much pie was left over? [2]

11.



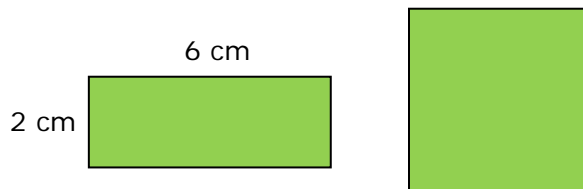
(a) The perimeter of this figure in centimeters is _____ cm [2]

(b) The perimeter in meters and centimeters is _____ m _____ cm [2]

(c) The figure has _____ right angles. [2]

12. The length of a rectangular field is 60 m and its width is 25 m. Sam [5]
ran around the field three times. How far did he run?

13. The rectangle and the square have the same perimeter. The length [5]
of the rectangle is 6 cm, and its width is 2 cm. Find their areas.



- (a) The area of the rectangle is _____ [3]
- (b) The area of the square is _____ [2]

14. Mary made 465 rolls. She gave away 15 rolls and sold the rest at 6 [5]
for \$1. How much money did she receive?

15. Peter weighs 40 lb 10 oz. Paul weighs 1 lb 12 oz less than Peter. [5]
Mary weighs 2 lb 4 oz more than Paul. What is the total weight of
the three children?

16. The length of board A is 3 ft 4 inches. The length of board B is 45 [5]
inches. Which is longer? How much longer?

Answer Key

1. (a) 62 (b) 25
(c) 3000 (d) 400
2. (a) 1 m 55 cm (b) 3 km 408 m
(c) 1 kg 650 g (d) 3006 ml
(e) 5 L 80 ml (f) 1 h 45 min
(g) 20 months (h) 4 weeks 2 days
(i) 2 yd 2 ft (j) 9 ft 5 in.
(k) 0 lb 11 oz (l) 10 gal 2 qt
3. 2 kg 250 g
4. 10:50 a.m.
5. 1 m 40 cm
6. (a) \$55 (b) Nov.
(c) Oct. (d) \$15
7. (a) 8; 6 (b) 2; 3
8. (a) $\frac{4}{5}$ (b) $\frac{5}{6}$
9. $\frac{1}{5}$
10. (a) Sara (b) $\frac{1}{6}$
11. (a) 210 (b) 2 m 10 cm
(c) 2
12. 510 m
13. (a) 12 cm² (b) 16 cm²
14. \$75
15. 120 lb 10 oz
16. B is 5 in. longer