

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]

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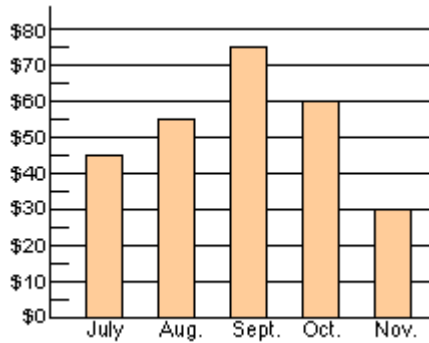
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3. A melon is 5 times as heavy as an orange. If the orange weighs 450 g, find the weight of the melon. Give your answer in kilograms and grams. [5]

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]

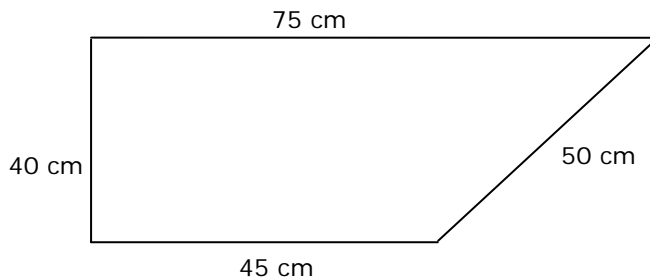
9. Peter, Sam, and Mary shared a pizza. Peter and Sam each had $\frac{2}{5}$ of the pizza. How much pizza did Mary have? [4]

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.



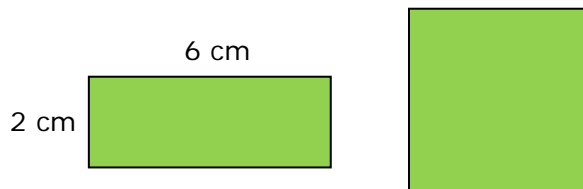
(a) The perimeter of this figure in centimeters is _____ cm [2]

(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 ran around the field three times. How far did he run? [5]

13. The rectangle and the square have the same perimeter. The length 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 for \$1. How much money did she receive? [5]

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