

Assessment Test for Singapore Primary Mathematics 4B
U.S. Edition

This test covers material taught in Primary Mathematics 4B, U.S. Edition
(<http://www.singaporemath.com/>)

1. Arrange in increasing order.

(a) 4.04 0.4 4.4 0.004 [2]

(b) $\frac{5}{8}$ 0.602 $\frac{3}{5}$ 0.66 [2]

2. Express each decimal as a fraction or mixed number in its simplest form.

(a) 0.6 (b) 4.12 [4]

(c) 0.408 (d) 6.002 [4]

3. Express each of the following as a decimal.

(a) $5 + \frac{6}{10} + \frac{4}{1000}$

(b) $\frac{104}{1000}$

[4]

(c) $3\frac{3}{8}$

(d) $\frac{4}{25}$

[4]

4. Solve.

(a) $26.45 + 29.73$

(b) $4.83 + 0.6$

[4]

(c) $2.3 - 0.37$

(d) $40 - 0.08$

[4]

(e) 23.73×7

(f) 4×49.08

[4]

5. Give the answer correct to 1 decimal place.

(a) $42.3 \div 3$

(b) $68 \div 7$

[4]

(c) $68.31 \div 8$

(d) $174.5 \div 6$

[4]

(e) $45 \div 4$

(f) $230 \div 7$

[4]

6. A meter of lace cost \$0.40. Mrs. Jacobs bought 5.5 m of lace. She used 1.3 m to make a dress. She used the rest to make 4 cushions of the same kind.

(a) How much change did she receive if she paid for the lace with \$10? [3]

(b) How much lace did she use for each cushion? Give your answer in meters and centimeters. [3]

7. A painter mixed 12.5 quarts of white paint with 16.7 quarts of green paint. He poured the mixture equally into 4 cans. He used one can to paint a wall. How many quarts of paint did he have left? [5]

8. Multiply and divide in compound units.

(a) $4 \text{ m } 65 \text{ cm} \times 5 = \text{_____ m _____ cm}$ [2]

(b) $6 \text{ km } 756 \text{ m} \times 8 = \text{_____ km _____ m}$ [2]

(c) $5 \text{ h } 30 \text{ min} \div 3 = \text{_____ h _____ min}$ [2]

(d) $15 \text{ kg } 320 \text{ g} \div 4 = \text{_____ kg _____ g}$ [2]

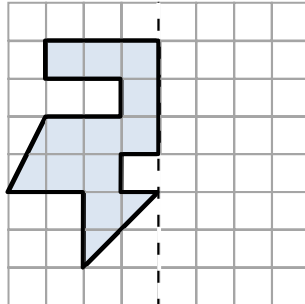
(e) $5 \text{ yd } 2 \text{ ft.} \times 6 = \underline{\hspace{2cm}} \text{ yd } \underline{\hspace{2cm}} \text{ ft}$ [2]

(f) $3 \text{ gal } 3 \text{ qt} \times 7 = \underline{\hspace{2cm}} \text{ gal } \underline{\hspace{2cm}} \text{ qt}$ [2]

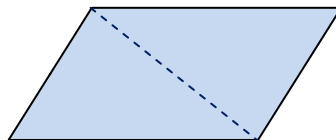
(g) $11 \text{ qt } 2 \text{ c} \div 2 = \underline{\hspace{2cm}} \text{ qt } \underline{\hspace{2cm}} \text{ c}$ [2]

(h) $18 \text{ ft } 6 \text{ in.} \div 3 = \underline{\hspace{2cm}} \text{ ft } \underline{\hspace{2cm}} \text{ in.}$ [2]

9. Complete the symmetric figure with the dotted line as the line of symmetry. [2]

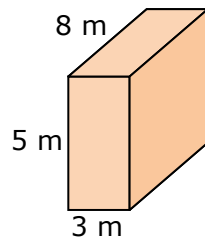


10. Is the dashed line a line of symmetry? [2]

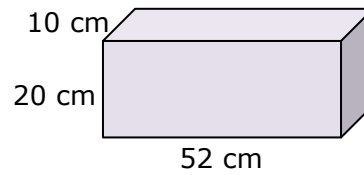


11. Find the volume of each cuboid.

(a)

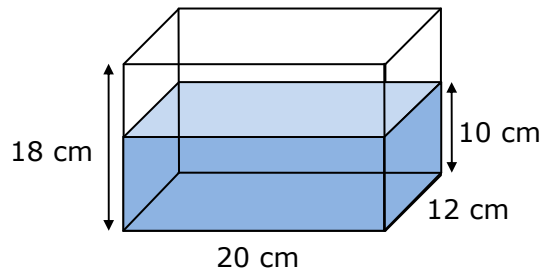


(b)



[4]

12. A rectangular tank 20 cm long, 12 cm wide and 18 cm high is filled with water to a depth of 10 cm.



(a) Find the volume of water in liters and milliliters (1 liter = 1000 cm³) [3]

(b) How many liters more water are needed to fill the tank? [3]

13. John works 7 h 15 min in a factory 5 days a week. He is paid \$8 an hour. [5]
How much money does he earn a week?

14. A box with four books weighs 6 kg 272 g. The box alone weighs 500 g. [5]
Find the weight of one book. Express your answer in kilograms and grams.

15. 0.3 of all the apples a grocer had were sold. If he had 49 apples left, how [5]
many apples did he have at first?