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

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

1. Arrange in increasing order. [2]

   64,244 65,424 46,244 64,423

2. In 26,532 the 6 stands for 6 x _____ [1]

3. Round to the nearest 10.

   (a) 286 (b) 5696 [2]

4. Round to the nearest 100.

   (a) 483 (b) 5649 [2]

5. Find the positive common factors of 15 and 18. _____ [3]

6. Find the positive common multiples of 6 and 9 smaller than the product of 6 and 9. [3]

   _____

7. Find the product of 1135 and 4 _____ [3]

8. When 3,730 is divided by 9 the quotient is _____ and the remainder is _____ [3]

9. Estimate the answer, and then divide. [6]

(a) 3120 ÷ 8

Estimate: _____

Answer: _____

(b) 2080 ÷ 6

Estimate: _____

Answer: _____

10. Estimate the answer, and then multiply. [6]

(a) 386 x 54

Estimate: _____

Answer: _____

(b) 409 x 79

Estimate: _____

Answer: _____

11. During the last half year, Mr. Wilson's salary was $1985 each month. He saved $4025 during that time and spent the rest. How much did he spend? [5]

12. A bottle contains blue beads and red beads. The number of red beads is 4 times the number of blue beads. If there are 3568 red beads, how many more red beads than blue beads are there? [5]

13. Express $\frac{26}{6}$ as a mixed number in its simplest form. [2]

14. Give each answer in its simplest form.

(a) $\frac{3}{4} + \frac{5}{8} =$ [2]

(b) $\frac{5}{12} - \frac{1}{3} =$ [2]

(c) $3 - \frac{2}{7} =$ [2]

(d) $\frac{1}{2} + \frac{1}{6} =$ [2]

(e) $\frac{2}{3}$ of 18 = [2]

(f) $\frac{3}{4} \times 9 =$ [2]

15. Peter had a board 3 m long. He used $\frac{3}{4}$ of its length as a bookshelf. How long was the bookshelf? Give your answer in meters and in simplest form. [5]

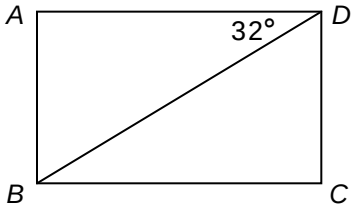
16. $\frac{2}{5}$ of the children in a club are girls.

(a) If there are 24 boys, how many children are there altogether? [3]

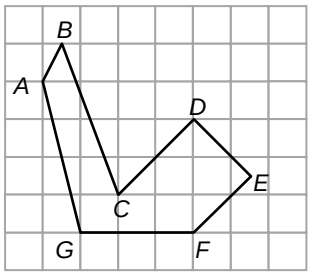
(b) How many more boys than girls are there? [2]

17. Mary had some cookies. She gave $\frac{2}{9}$ of them to Matthew and ate $\frac{1}{3}$ of them. She had 8 cookies left. How many did she have at first? [5]

18. In the figure, *ABCD* is a rectangle and $\angle ADB$ is 32°. Find $\angle BDC$. [3]

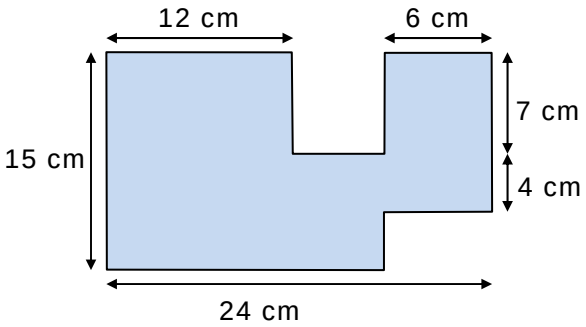


19. (a) Name a pair of parallel lines. [2]



(b) Name a pair of perpendicular lines. [2]

20. In the figure, all lines meet at right angles.



(a) Find the area. [4]

(b) Find the perimeter. [4]

21. A rectangular swimming pool measures 24 m by 16 m. A concrete path 2 m wide is paved around it. What is the area of the path? [5]

22. Some string 2305 in. long was cut into two unequal pieces. One piece was 55 inches longer than the other. What is the length of the shorter piece? [5]

23. A pencil costs $\frac{1}{3}$ as much as a pen. If a pen costs \$0.60, how much would 3 pens and 15 pencils cost? [5]

Answer Key

1. 46,244 64,244 64,423 65,424
2. 1000
3. (a) 290 (b) 5700
4. (a) 500 (b) 5600
5. 1, 3
6. 18, 36
7. 4540
8. 414; 4
9. (a) 400; 390 (b) 300; 346 r4
10. (a) 20,000; 20,844 (b) 32,000; 32,311
11. $7885
12. 2676
13. $4\frac{1}{3}$
14. (a) $1\frac{3}{8}$ (b) $\frac{1}{12}$
    (c) $2\frac{5}{7}$ (d) $\frac{2}{3}$
    (e) 12 (f) $6\frac{3}{4}$
15. $2\frac{1}{4}$ m
16. (a) 40 children (b) 8 more boys
17. 18 cookies
18. 58°
19. (a) CD and EF (b) CD and DE or DE and EF
20. (a) 294 cm^2 (b) 92 cm
21. 176 m^2
22. 1125 in.
23. $4.80