

Test, Form 1A

Write the letter for the correct answer in the blank at the right of each question.

What is the solution of each equation?

1. $9 + k = 18$

- A. 18 B. 9 C. 8 D. 7

1. **B**

2. $r - 11 = 5$

- F. 11 G. 14 H. 15 I. 16

2. **I**

3. $3w = 30$

- A. 6 B. 9 C. 10 D. 12

3. **C**

4. $\frac{d}{12} = 4$

- F. 2 G. 3 H. 8 I. 48

4. **I**

5. $y + 5 = 10$

- A. 15 B. 10 C. 6 D. 5

5. **D**

6. $13 = t + 7$

- F. 5 G. 6 H. 7 I. 20

6. **G**

7. $a - 5 = 9$

- A. 14 B. 9 C. 5 D. 4

7. **A**

8. $10 = t - 8$

- F. 2 G. 4 H. 18 I. 20

8. **H**

9. Janeen's mother is 47. She is 26 years older than Janeen.
Which equation can be used to find Janeen's age j ?

- A.
- $j + 26 = 47$
- C.
- $j - 26 = 47$
-
- B.
- $26j = 47$
- D.
- $47j = 26$

9. **A**

10. Quentin bought 6 new tennis balls. If he now has a total of 18 tennis balls, how many did he start with?

- F. 9 G. 12 H. 21 I. 24

10. **G**

Test, Form 1A (continued)

SCORE _____

What is the solution of each equation?

11. $6d = 24$

- A. 4 B. 5 C. 18 D. 144

11. **A**

12. $42 = 7f$

- F. 294 G. 49 H. 35 I. 6

12. **I**

13. $4 = \frac{x}{8}$

- A. 2 B. 4 C. 32 D. 48

13. **C**

14. $\frac{t}{5} = 15$

- F. 100 G. 75 H. 10 I. 3

14. **G**

15. Antwaun waters his lawn 3 times a week. If he watered his lawn 24 times in all, which equation could be used to find how many weeks he has been watering his lawn?

- A. $x + 3 = 24$ C. $3x = 24$
 B. $24 - x = 3$ D. $\frac{x}{3} = 24$

15. **C**

16. At a nursery, plants are half off their original price. The sale price of a potted plant is \$5.50. Which equation could be used to find the original cost of the plant?

- F. $\frac{c}{2} = \$5.50$ H. $\$5.50c = 2$
 G. $2c = \$5.50$ I. $2 + c = \$5.50$

16. **F** **What is the solution of each equation?**

17. $\frac{x}{4} = 12$

- A. 3 B. 8 C. 48 D. 52

17. **C**

18. $4f = 44$

- F. 6 G. 8 H. 11 I. 96

18. **H**

19. $9b = 54$

- A. 558 B. 486 C. 6.8 D. 6

19. **D**

20. Kelly earned \$20 for babysitting. She has also earned money by doing chores. Altogether, she has earned \$100. How much did she earn doing chores?

- F. \$5 G. \$20 H. \$80 I. \$120

20. **H**