

Math Algebra 6_2

Student Name: _____

Date: _____

1.

$$\begin{aligned}W &= 2 \\Z &= 3 \\Z - W &= \underline{\quad}\end{aligned}$$

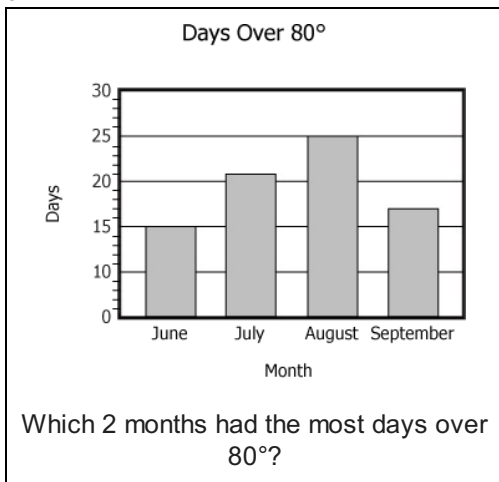
- A. 3
- B. 1
- C. 2

2.

$$\begin{aligned}4 + y &= 19 \\y &= \underline{\quad}\end{aligned}$$

- A. 15
- B. 16
- C. 23

3.



- A. June and July
- B. August and September
- C. July and August

4.

Kids in Schools

| School | 6th Grade | 7th Grade | 8th Grade |
|------------|-----------|-----------|-----------|
| Washington | 50 | 65 | 75 |
| Jefferson | 65 | 75 | 80 |
| Madison | 80 | 100 | 75 |

How many kids does Jefferson have in all 3 grades?

- A. 210
- B. 195
- C. 220

5.

$$2(3x + 1)$$

- A. $6x + 2$
- B. $6x - 1$
- C. $5x + 2$

6.

2 friends share (y) pies evenly.
How much pie does each friend get?

- A. $y - 2$
- B. $y \div 2$
- C. $y + 2$

7.

$$W = 2$$
$$Z = 3$$
$$24 \div W + Z = \underline{\quad}$$

- A. 24
- B. 12
- C. 15

8.

$$(1 + 3)2y =$$

- A. $4(2y)$
- B. $8 + y$
- C. $1 + 6y$

9.

Perimeter = $(2 \times L) + (2 \times W)$

Perimeter =

- A. 4×5
- B. $(2 \times 3) + (2 \times 2)$
- C. $(2 \times 5) + (2 \times 5)$

10.

$$24 - y + 3 = 16 - 5 + 12$$

$$y = \underline{\quad}$$

- A. 4
- B. 2
- C. 3

11.

$$2y + 4y + 5y =$$

- A. $6y + 9y$
- B. $6y + 6y$
- C. $5y + 6y$

12.

$$(2 \times 3) + 4 =$$

- A. $3 + 2 + 4$
- B. $(3 \times 2) + 4$
- C. 6×4

13.

$$3(1 + 2 + 5) =$$

- A. $3(3 + 5)$
- B. $3 + 8$
- C. $3 + 2 + 5$

14.

$$2y + 3^3 = \underline{\quad}$$

- A. $2y + 9$
- B. $2y + 27$
- C. 29

15.

$$4(y + 2) = 2(3 + 1)$$

$$y = \underline{\quad}$$

- A. 2
- B. 0
- C. 1

16.

$$11x = 77$$

$$x = \underline{\quad}$$

- A. 9
- B. 17
- C. 7