Math Algebra 6_1

Student Name:_____ Date:_____

1.

a = 5

b = 6

a + b + 7 = ___

A. 17

B. 18

C. 15

2.

6y = 60

y = ___

A. 11

B. 54

C. 10

3.

W = 2

Z = 3

(W × Z) + W = ___

A. 9

B. 8

C. 4

4.

x − 67 = 104

x = ___

A. 150

B. 168

C. 171

5.

Emma's Earring Shop

Pairs	Cost
1	$4.00
2	$8.00
3	$12.00
4	$16.00
5	$20.00
6	$24.00
7	$28.00

Which shows the cost (c) of pairs (p) of earrings?

A. c = p + 4

B. p = 4c

C. c = 4p

6.

$2\frac{8}{y}$

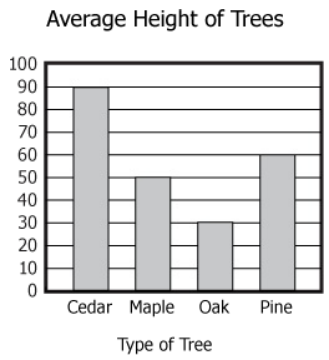
y = ___

A. 10

B. 16

C. 6

7.



Which type of tree is half as tall as the pine?

A. Maple

B. Cedar

C. Oak

8.

$3^2 + 4 =$

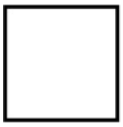
A. 3 × 7

B. 9 + 4

C. 3^6

9.

Area = side × side



side = 6 in.

side = 6 in.

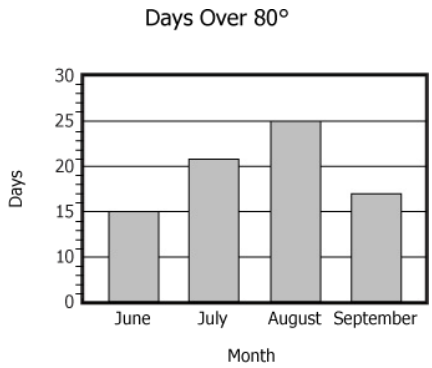
Area = ___ in^2

A. 24

B. 12

C. 36

10.



About how many days were over 80° from June to September?

A. 78

B. 65

C. 58

11.

$2y \times 4 \times 5 =$

A. 20(2y)

B. 2y(9)

C. 8y + 5

12.

$3(5 - 2) = y$

$y =$ ___

A. 6

B. 13

C. 9

13.

14d = 42

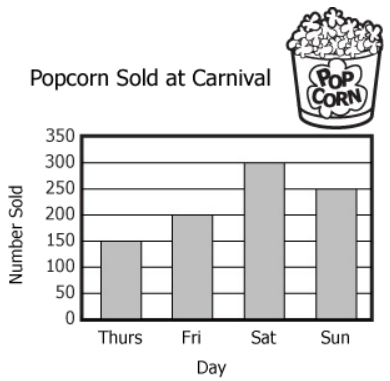
d = ___

A. 2

B. 3

C. 4

14.



Tina sells Popcorn for $0.25 a bag. *About* how much $ does she make on Thurs?

A. $40.50

B. $45.50

C. $37.50

15.

Tom is 12 years old.

Amy is 6 years older.

Which shows how old (y) Amy is?

A. y = 12 + 6

B. y + 6 = 12

C. y = 12 − 6

16.

(3 × 3) + 3 + 3

Which step is first?

A. 3 × 3

B. 3 + 3 + 3

C. 3 + 3