

1. The table shows the circumference of 4 trees in the California registry of big trees. Which tree has the least circumference?

Tree	Circumference (ft)
Acacia	9.583
Alder	9.83
Beech	9.917
Weeping Willow	9.67

- A Acacia
 B Alder
 C Beech
 D Weeping Willow
2. It cost \$18 per day to rent a snowboard at Mammoth. Which expression shows the cost to rent a snowboard for d days?
- A $18 + d$
 B $18d$
 C $18 \div d$
 D $d - 18$
3. Which is the standard form of 7^3 ?
- A 10
 B 21
 C 343
 D 2,187
4. What is the value of $3x - 4$ for $x = 6$?
- A 32
 B 14
 C 8
 D 6

Use the input/output table for 5–7.

Input	Output
7	4
8	5
9	6
10	7

5. Write an algebraic expression that describes the output pattern if the input is a variable b .
- _____
6. If the input is 13, what is the output?
- _____
7. If the output is 18, what is the input?
- _____

Evaluate the following expressions using the order of operations.

8. $12 + 18 \div 3 \times 2$

9. $26 - 9 + (36 \div 3^2)$

10. What is the measure of $\angle P$ in the figure below?


