Logical Numbers

Determine the values (1, 2, 3, or 4) of the letters using the clues. Put check marks (✔) in the grid to indicate the value of the letters. In the first puzzle, the value of *A* has been revealed.

Puzzle #1

1. $12 \div 3 = A$

2. $A + B - D = 6$

3. $(B \times C) - A = C$

4. $B + C - D = A$

5. $5B \div (A + D) = B$

6. $A + (B \times C) = 10$

	1	2	3	4
A				✔
B				
C				
D				

Puzzle #2

1. $1A + C = D$

2. $D - C = 1$

3. $(2B - D) + C = C$

4. $(D \div B) + C = D + A$

5. $14 - [(B \times D) + C] = C$

6. $(C \times D) + (A \times B) - 10 = D$

	1	2	3	4
A				
B				
C				
D				

Logical Numbers

(solution)

Puzzle #1

1. A = 4

2. B = 3

3. C = 2

4. D = 1

	1	2	3	4
A				✔
B			✔	
C		✔		
D	✔			

Puzzle #2

1. A = 1

2. B = 2

3. C = 3

4. D = 4

	1	2	3	4
A	✔			
B		✔		
C			✔	
D				✔