

Name \_\_\_\_\_

## Mysteries of the Crystal Cavern Answer Key

1) A (A = 36, B = 20)

2)  $(8 + 12 \div 3) \times 2 = 20$

3) False (equals 18, not 24)

4) 7

5)  $(6 + 4) \times 2 + 8 = 28$

6) 18

7) 7

8) 20

9) 25

10)  $(20 \div 5) + 6 \times 2 = 17$ . Second expression =  $20 \div (5 + 6 \times 2) = 20 \div 17 \approx 1.18 \rightarrow$   
first is greater.

11) One possible answer:  $(9 + 6) \div 1 \times ?$  Wait re-evaluate  $\rightarrow (9 \times 2) - 3 = 15$

12) 18