



C. Mark each sentence with a True (✓) or False (X):

1. In a number tower, the number above is usually the sum of two numbers below _____
2. All number towers use subtraction _____
3. A tower with base 2, 4, 6 will form an addition pattern _____
4. A number tower always gets smaller at the top _____
5. Number towers help in learning patterns _____

D. Figure out the answers to these questions:

1. Draw a number tower with base 1, 2, 3 and fill in the next two levels
2. If the tower has 2, 5 at the bottom, what is the value of the top?
3. Build a tower with bottom numbers 3, 6, 9, and show the sum-based values above
4. Complete this number tower: bottom row: 4, 7, second row: _____
5. A number tower starts with 5 and adds 3 at every level. What are the next three levels?

E. Challenge yourself with these questions:

1. Create your own number tower using $3\frac{1}{2}$, $4\frac{1}{2}$, and 5
2. What happens to a number tower if you subtract numbers at each level instead of adding?
3. Complete the pattern: bottom: 1, 3, 5; next: _____, _____; top: _____
4. Make a number tower using multiplication pattern from base 2, 4
5. Fill in a number tower that starts with 10 and reduces by 2 each level.