

| Can these numbers b 12) 9, 7, 3 | the lengths of the sid 13) 10, 6, 4 | es of a triangle?<br>14) 15, 1, 13 | 15) 21, 14, 32 | 16) 19, 35, 14 |
|---------------------------------|-------------------------------------|------------------------------------|----------------|----------------|
| Yes                             | No                                  | No                                 | Yes            | No             |
| 17) 19, 2, 18                   | 18) 17, 4, 21                       | 19) 10, 5, 17                      | 20) 14, 11, 22 | 21) 7, 18, 9   |
| Yes                             | No                                  | No                                 | Yes            | No             |

In the following problems, the lengths of two sides of a triangle are given. What can you say about the possible lengths for the third side?

| 22) 17, 5   | 23) 19, 11 | 24) 8, 2   | 25) 19, 35  |
|-------------|------------|------------|-------------|
| 12 < x < 22 | 8 < x < 30 | 6 < x < 10 | 16 < x < 54 |