

Incorrect. You may have incorrectly graphed the system or misinterpreted the graph. Graph each solid boundary line in the first quadrant. Use test points to determine which side of each line to shade. The maximum number of cars is the largest whole number that  $x$  can be in the shaded region. So you need to find the point farthest to the right in the region for which  $x$  is a whole number. The correct answer is 20.