

The Radar Detector Company

A manufacturer of radar detectors produces LaserStop & SpeedBuster. LaserStop makes a profit of \$3 and SpeedBuster makes a profit of \$2. LaserStop uses 4 units of Component A and 2 units of Component B. SpeedBuster uses 2 units of Component A and 3 units of Component B. There is a limit of 20 units of component A and 18 of component B. How many of each radar detector should be produced to maximize profit?