**Real-Life Application**

1. Let $x =$ three-point shots, $y =$ two-point baskets, $z =$ one point shots $x + y + z = 7$

2. $3x + 2y + z = 14$

3. $x = z$

4. $x = 2$, $y = 3$, $z = 2$

5. *Sample answer:* Possibly. Knowing who made the three-point shots and using those players as starters might get the team ahead with identifying the high scoring shooters from the beginning of the previous game. The coach should not only look at the first quarter, but analyze each quarter in a similar manner, to determine consistency of shooting.