

SYSTEM OF EQUATIONS

- 2011A 12. The players on a basketball team made some three-point shots, some two-point shots, and some one-point free throws. They scored as many points with two-point shots as with three-point shots. Their number of successful free throws was one more than their number of successful two-point shots. The team's total score was 61 points. How many free throws did they make?
- (A) 13 (B) 14 (C) 15 (D) 16 (E) 17

- 2001
14. A charity sells 140 benefit tickets for a total of \$2001. Some tickets sell for full price (a whole dollar amount), and the rest sell for half price. How much money is raised by the full-price tickets?
- (A) \$782 (B) \$986 (C) \$1158 (D) \$1219 (E) \$1449
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- 2007B
15. The angles of quadrilateral $ABCD$ satisfy $\angle A = 2\angle B = 3\angle C = 4\angle D$. What is the degree measure of $\angle A$, rounded to the nearest whole number?
- (A) 125 (B) 144 (C) 153 (D) 173 (E) 180