

Super Easy Algebra Drills

Easy

1 If $6x + 6 = 36 + 3x$, then $x = ?$

- (A) 3
- (B) 9
- (C) 10
- (D) 33
- (E) $\frac{9}{5}$

Medium

2 If $3(x + 4) + 2x = 2(x - 2) - 4$, then $x = ?$

- (F) $-\frac{20}{5}$
- (G) $-\frac{20}{3}$
- (H) $-\frac{10}{3}$
- (J) 2
- (K) $\frac{11}{5}$

3 In a certain situation, the maximum height H , in meters, that a ball bounces is given by the equation $H = \frac{3}{5}F - 0.02$, where F is the force, in newtons, with which the ball is bounced. What force, in newtons, must be applied for the height to be 0.16 meters?

- (A) 0.1
- (B) 0.2
- (C) 0.3
- (D) 0.4
- (E) 0.5

Hard

4 Which of the following is the set of all real numbers x such that $x - 2 < x - 4$?

- (F) The set containing only zero
- (G) The set containing all positive real numbers
- (H) The set containing all negative real numbers
- (J) The set containing all real numbers
- (K) The empty set

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