Solve each equation by factoring.

1. $(n+3)(n-4)=0$ A) $\left\{-\frac{3}{7}, 4\right\}$ B) $\{3,-4\}$ C) $\{-3,4\}$ D) $\{3,-1\}$	**2.** $(4n+1)(n+3)=0$ A) $\{-2,6\}$ B) $\{-7,6\}$ C) $\left\{-\frac{1}{4}, -3\right\}$ D) $\left\{5, -\frac{1}{5}\right\}$
3. $v^2-5v+4=0$ A) $\{4,1\}$ B) $\{3,0\}$ C) $\{4,3\}$ D) $\{5,1\}$	**4.** $r^2-2r-48=0$ A) $\{-6,5\}$ B) $\{-6,8\}$ C) $\{4,-2\}$ D) $\{6,-3\}$
5. $n^2+n-30=0$ A) $\{-2,0\}$ B) $\{5,3\}$ C) $\{-3,7\}$ D) $\{5,-6\}$	**6.** $x^2+6x+9=0$ A)$\{8,-7\}$ B) $\{-3\}$ C) $\{4,1\}$ D) $\{6,4\}$
7. $x^2-2x-8=0$ A) $\{-1,4\}$ B) $\{3,-8\}$ C) $\{7,1\}$ D) $\{-2,4\}$	**8.** $r^2-4r-21=0$ A) $\{-3,5\}$ B) $\{3,-7\}$ C) $\{-3,7\}$ D) $\{-4,-8\}$
9. $x^2+2=3x$ A) $\{-5,8\}$ B) $\{2,1\}$ C) $\{-3,2\}$ D) $\{-7,-4\}$	**10.** $n^2=24+5n$ A) $\{3,4\}$ B) $\{5,0\}$ C) $\{-3,8\}$ D) $\{-8,-1\}$