

**H.** The number of *positive* values  $x$  which satisfy the equation

$$x = 8^{\log_2 x} - 9^{\log_3 x} - 4^{\log_2 x} + \log_{0.5} 0.25$$

is

- (a) 0,      (b) 1,      (c) 2,      (d) 3.