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1985 Q16

16. The ratio of boys to girls in Mr. Brown's math class is 2:3. If there are 30 students in the class, how many more girls than boys are in the class?

A) 1   B) 3   C) 5   D) 6   E) 10

2010 Q16

16. A square and a circle have the same area. What is the ratio of the side length of the square to the radius of the circle?

(A) $\dfrac{\sqrt{\pi}}{2}$ (B) $\sqrt{\pi}$ (C) π (D) 2π (E) π^2