12	2	Which of the following is equal to $\dfrac{1}{2\sqrt{5} - \sqrt{3}}$?	1

(A) $\dfrac{2\sqrt{5} - \sqrt{3}}{7}$ (B) $\dfrac{2\sqrt{5} + \sqrt{3}}{7}$ (C) $\dfrac{2\sqrt{5} - \sqrt{3}}{17}$ (D) $\dfrac{2\sqrt{5} + \sqrt{3}}{17}$

D

State Mean: **0.81**

$$\frac{1}{2\sqrt{5} - \sqrt{3}} = \frac{1}{2\sqrt{5} - \sqrt{3}} \times \frac{2\sqrt{5} + \sqrt{3}}{2\sqrt{5} + \sqrt{3}}$$

$$= \frac{2\sqrt{5} + \sqrt{3}}{20 - 3}$$

$$= \frac{2\sqrt{5} + \sqrt{3}}{17}$$