

2007 AMC 8 Problems/Problem 3

Problem

What is the sum of the two smallest prime factors of 250?

(A) 2 (B) 5 (C) 7 (D) 10 (E) 12

Solution

We prime factor $250 = 2 \cdot 5^3$. The smallest two are 2 and 5. $2 + 5 = \boxed{\text{C}}$

See Also

2007 AMC 8 (Problems • Answer Key • Resources) (http://www.artofproblemsolving.com/Forum/resources.php?c=182&cid=42&year=2007)	
Preceded by Problem 2	Followed by Problem 4
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All AJHSME/AMC 8 Problems and Solutions	

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