36. Between which two integers does $\sqrt{41}$ lie?

f. 5 and 6

g. 8 and 9

h. 4 and 5

i. 7 and 8

j. 6 and 7

64. If $x^3 = -50$, the value of x is between which two integers?

f. 3 and 4

g. 7 and 8

h. −3 and −4

i. −2 and −3

j. −7 and −8

27. A square has an area of 41.3 square centimeters. If s is the side length of the square in centimeters, then s must lie between which 2 consecutive integers?

B

A. $4 < s < 5$
B. $6 < s < 7$
C. $10 < s < 11$
D. $20 < s < 21$
E. $41 < s < 42$

S^2 = Area of square, therefore

if $S^2 = 41.3$ $S = \sqrt{A}$

then $S = \sqrt{41.3}$

S is somewhere between $\sqrt{36}$ and $\sqrt{49}$ or 6+7