

NAME: \_\_\_\_\_

1. 010001a, P.I. 7.N.18

The expression  $\sqrt{93}$  is a number between

- [A] 8 and 9                      [B] 3 and 9  
[C] 46 and 47                [D] 9 and 10

3. 060706a

The expression  $\sqrt{54-b}$  is equivalent to a positive integer when  $b$  is equal to

- [A] 16      [B] -10      [C] 54      [D] 4

2. 010703a, P.I. 7.N.18

Which point on the accompanying number line best represents the position of  $\sqrt{5}$ ?



- [A] B      [B] A      [C] C      [D] D

4. 060502a, P.I. 7.A.6

The amount of time,  $t$ , in seconds, it takes an object to fall a distance,  $d$ , in meters, is

expressed by the formula  $t = \sqrt{\frac{d}{4.9}}$ .

Approximately how long will it take an object to fall 75 meters?

- [A] 3.9 sec                      [B] 0.26 sec  
[C] 2.34 sec                    [D] 7.7 sec

[1] D

[2] C

[3] B

[4] A