K-NN Homework

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$$|S-3|+|2-8|=.2+6=.8$$
 (A) 2nd closest $|S-(-3)|+|.2-1.6|=.8+1.4=2.2$ (B) \times $|S-9|+|.2-0|=.4+.2=.6$ (B) 1st closest $|S-1|+|.2-1|=.5+9=1.3$ (A) 3rd Closest

2) Conh wagning
$$B = \frac{1}{16} = 2.78$$

$$A = \frac{1}{(18)} + \frac{1}{13} = 1.5625 + .591 = 2.159$$

$$\hat{f}(Q) = \left(\frac{O}{1.67^2} + \frac{1.8^2}{1.8^2} + \frac{1}{1.3^2}\right) = \left(\frac{O + 1.25 + .591716}{2.78 + 1.5625 + .591716}\right)$$