Quiz 4

1. Given the following probability distribution:

x	$P(x)$
0	?
2	1/2
5	2/5

Determine

(a) $P(0)$

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_____

(b) the mean

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(c) the variance

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(d) the standard deviation

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2. Match the three binomial probability histograms (with parameters $n = 6, p, q = 1 - p$) shown here with the correct p:

$p = .3$

$p = .5$

$p = .8$