

Answer each question. Choose the letter of the correct answer. If the answer is *not* among the choices, write e.

1. What is the sample space when a pair of coins is tossed?
 - a. $\{H, T\}$
 - b. $\{T, H, T, H\}$
 - c. $\{HH, TT, TH\}$
 - d. $\{TT, HT, HH, TH\}$
2. Which of the following *cannot* be a probability value?
 - a. $-.2$
 - b. $\sqrt[3]{.6}$
 - c. 0
 - d. 1

[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
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Solve each problem. Show your complete solution and box the final answer.

1. Consider an experiment of tossing a coin thrice.
 - a. Construct a tree diagram to generate all possible outcomes of this experiment.
 - b. Define the sample space.
 - c. Let E be the event of getting at least two tails, what is $P(E)$?



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[REDACTED]

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[REDACTED]

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[REDACTED]

[REDACTED] $\frac{3}{4}$ [REDACTED]

[REDACTED] [REDACTED]

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[Redacted]	[Redacted]	[Redacted]	[Redacted]
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