

PROBABILITY PRACTICE SHEET

To complete the tasks required in this lesson you will need to demonstrate skills and knowledge around calculating probability. Practice these skills by completing the following questions:

1. Create a tree diagram that represents the sample space of all possible outcomes if a dice is rolled and a coin is tossed.

2. Using the theoretical probabilities for the experiment, what is the probability that you would roll a 6 and the coin will land heads up?

3. Finally, calculate the following

$\Pr(H)$

$\Pr(H \text{ and a number greater than } 4)$

$\Pr(T \text{ and an odd number})$

$\Pr(T \text{ or an odd number})$