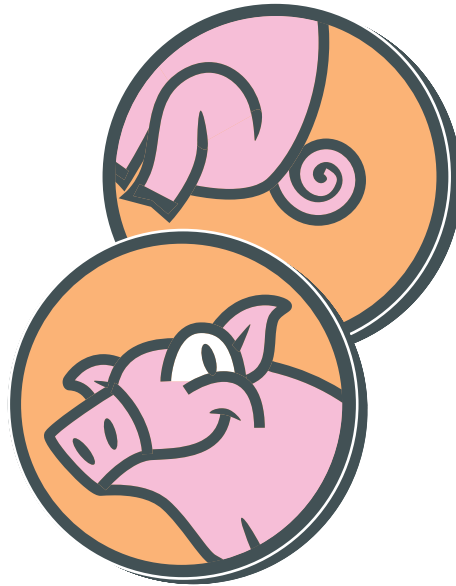
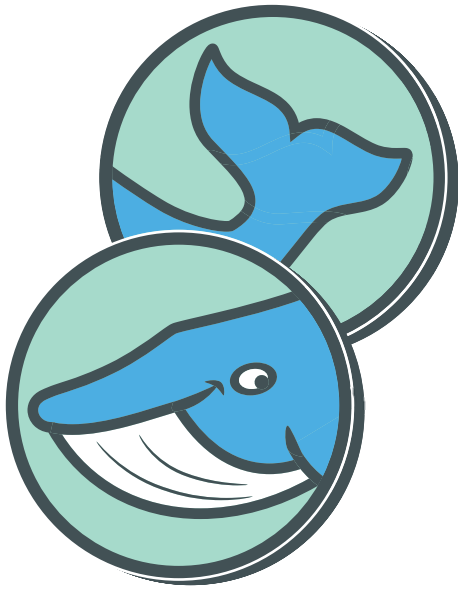


Heads or Tails?

Complete the exercise below to find the probability that these coins will land heads or tails.

ANSWERS



Write out the different combinations of heads and tails if all three coins are tossed at once. Then answer the questions.

Remember: Probability is the likelihood an event will occur expressed as a fraction.

	Whale	Pig	Eagle
1	<u>Heads</u>	<u>Heads</u>	<u>Heads</u>
2	<u>Tails</u>	<u>Heads</u>	<u>Heads</u>
3	<u>Tails</u>	<u>Tails</u>	<u>Heads</u>
4	<u>Tails</u>	<u>Tails</u>	<u>Tails</u>
5	<u>Heads</u>	<u>Tails</u>	<u>Tails</u>
6	<u>Heads</u>	<u>Heads</u>	<u>Tails</u>
7	<u>Heads</u>	<u>Tails</u>	<u>Heads</u>
8	<u>Tails</u>	<u>Heads</u>	<u>Tails</u>

- What is the probability that two of the coins will land heads?

3/8

- What is the probability that at least one coin lands tails up?

7/8

- What is the probability that the whale coin lands heads up?

4/8

- What is the probability that the whale lands heads, the pig coin lands tails, and the eagle coin lands heads?

1/8