

8 Listing outcomes — Part 2 — Answers

Answers

Work through these after trying the questions yourself.

8.6 36.

8.7 6.

8.8 $\frac{6}{36} = \frac{1}{6}$.

8.9 The probability of each outcome.

8.10 HH, HT, TH, TT.

8.11 The sums of 9 are (3, 6), (4, 5), (5, 4), (6, 3) — that is 4 ways out of 36. So $P(\text{sum} = 9) = \frac{4}{36} = \frac{1}{9}$.