

8 The probability scale — Part 1 — Answers

Answers

Work through these after trying the questions yourself.

8.1 0.

8.2 1.

8.3 $\frac{1}{2}$.

8.4 $\frac{1}{6}$.

8.5 $\frac{3}{5}$ (3 red out of 5 balls in total).

8.6 There are $3 + 2 + 5 = 10$ balls. (a) $P(\text{green}) = \frac{5}{10} = \frac{1}{2}$. (b) Not red means blue or green = $2 + 5 = 7$, so $P(\text{not red}) = \frac{7}{10}$.