

Probability: Answer Sheet

Review

1. Multiply the probabilities of each individual event (for independent events)
2. Add the probabilities of each individual event, and subtract the intersections.

1. $\frac{1}{8} \approx 0.13$
2. 0.08
3. $\frac{6}{13} \approx 0.46$
4. $\frac{4}{13} \approx 0.31$
5. $\frac{1}{12} \approx 0.08$
6. $\frac{18}{23} \approx 0.78$
7. $\frac{1}{5} = 0.2$
8. $\frac{13}{20} = 0.65$
9. $\frac{1}{6} \approx 0.17$
10. 6×10^{-13}

Independent and Dependent Events

1. Answers will vary.
2. Answers will vary.

Conditional Probability

1. $\frac{1}{2} = 0.5$
2. $\frac{3}{4} = 0.75$
3. $\frac{15}{51} \approx 0.29$
4. $\frac{1}{2} = 0.5$