5-7 Practice

NAME _____ DATE _____ PERIOD _____

Student Edition
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Compound Events

Two dice are rolled. Find the probability of each outcome.

1. P(even number and 2)

2. P(5 and 5)

3. P(odd number and a number less than 6)

4. P(3 and a number less than 3)

5. P(even number and a number greater than 2)

6. P(6 and a number greater than 2)

A card is drawn from a standard deck of cards. Determine whether the evens are* mutually exclusive *or* inclusive. *Then find each probability.

7. P(jack or five)

8. P(ace or club)

9. P(red card or four)

10. P(face card or black card)

11. P(spade or diamond)

12. P(black card or odd-numbered card)

13. P(heart or black card)

14. P(heart or even-numbered card)

15. P(face card or diamond)

16. P(red card or black card)

17. P(even-numbered card or ace)

18. P(red card or heart)