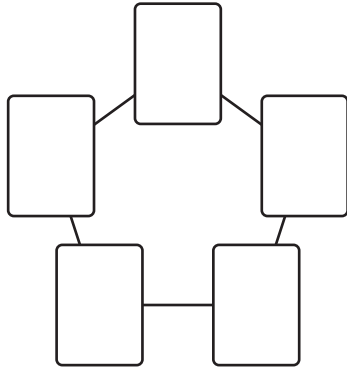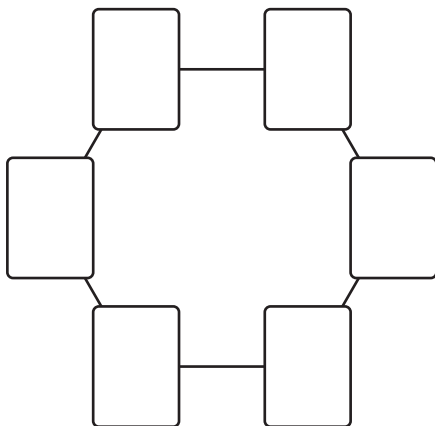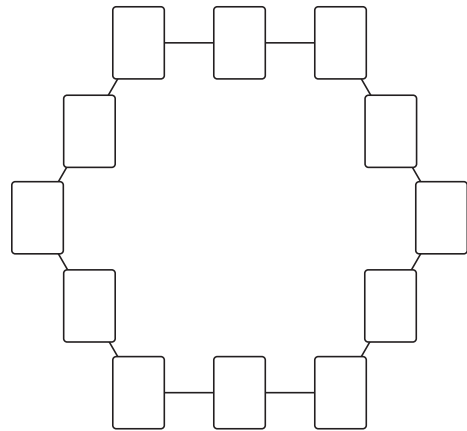# Finding Sums

1. Place the value of the cards Ace through Five of a suit on the pentagon diagram so that no two cards connected by a segment have the same sum. Ace= 1. Record your answer.

3. Arrange the values of the cards Ace through Queen of a suit on the hexagon diagram so that the sum of the cards on every side of the hexagon is different. Ace= 1, Jack= 11, Queen= 12. Record your answer.
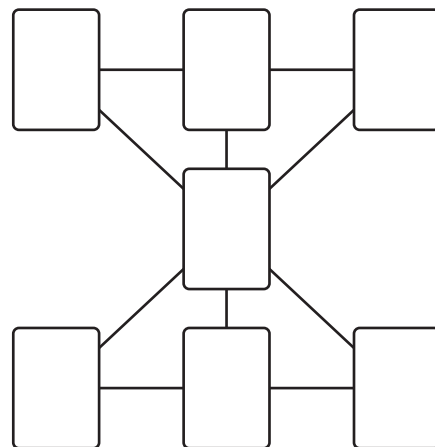
2. Place the value of the cards Ace through Six of a suit on the hexagon diagram so that no two cards connected by a segment have he same sum. Ace= 1. Record your answer.
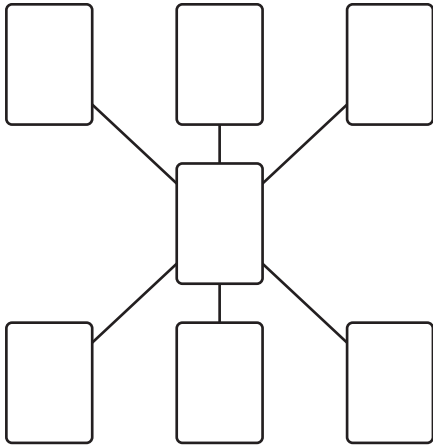
4. Use the cards Ace through Seven of a suit. Place the value of the cards so that the sum of the values of the cards in each connected row, column and diagonal is 12. Ace= 1. Record your answer.
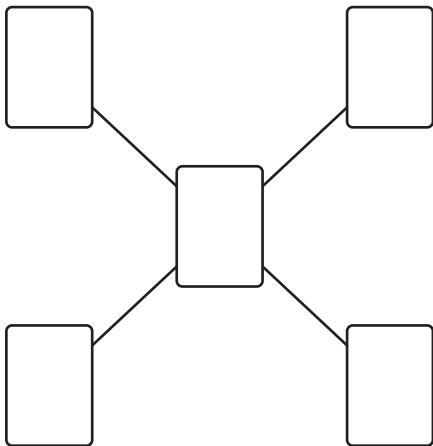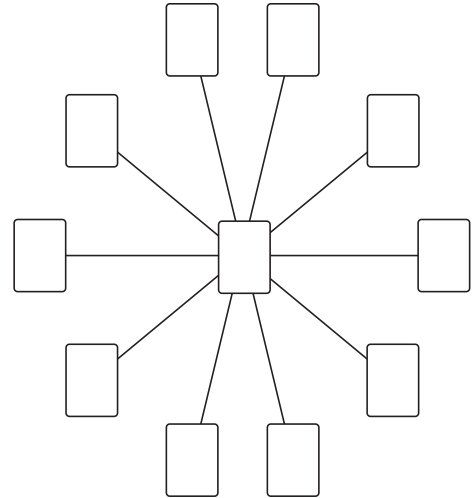
Finding Sums

5. Use the odd cards of a suit. Place the value of the cards so that the sum of the values of the cards in each line is 21. Ace= 1, Jack= 11, King= 13. Record your answer.

7. Use the cards Ace through Jack of a suit. Place the value of the cards so that the sum of the values of the cards in any straight line is 18. Ace= 1, Jack= 11. Record your answer.

6. Use the cards Ace through Five of a suit. Place the value of the cards so that the sum of the values of the cards in any straight line is the same. Ace= 1. Record your answer.

8. Make up your own connecting cards and finding sums card puzzle. Record your problem and answer.