Estimating Sums

Round to the nearest ten to estimate.

1. 58 + 43
100

2. 87 + 69
160

3. 37 + 141
180

4. 422 + 296
720

Round to the nearest hundred to estimate.

5. 536 + 393
900

6. 242 + 359
600

7. 713 + 82
800

8. 313 + 405
700

**Sample answers are given.
Accept reasonable answers.**

Use compatible numbers to estimate.

9. 83 + 34
120

10. 329 + 64
395

11. 212 + 347
560

12. 537 + 244
780

13. Reasonableness Miguel has 325 baseball cards and 272 football cards. He said that he has 597 cards in all. Is his answer reasonable? Explain using estimation.

Miguel's answer is reasonable. Round the number of cards to the nearest ten: 325 rounds to 330 and 272 rounds to 270, and 330 + 270 = 600. Since 597 is close to 600, the answer is reasonable.

14. Write a Problem Natalie has 138 DVDs and 419 CDs. If you were to estimate the sum of the DVDs and CDs, what sentence could you write? Then find your estimated sum.

Possible answers: 140 + 420 = 560 or 100 + 400 = 500

15. Which of the following shows estimating 287 + 491 by using compatible numbers?

A 100 + 500   **B** 300 + 400   **C** 280 + 400   **(D)** 280 + 500