

Make sketches of number pieces representing the following sums. Show the regroupings of pieces in forming the minimal collection. Beside your sketch, record the base numeral for the sum.

1. $201_{\text{three}} + 102_{\text{three}} =$

2. $2312_{\text{four}} + 203_{\text{four}} =$

3. $255_{\text{six}} + 134_{\text{six}} =$

Make sketches of the number pieces to represent the numbers in the following differences. Sketch the regroupings you use to find the difference, and label the final collection with the base numeral for the difference.

4. $1442_{\text{five}} - 213_{\text{five}} =$

5. $2331_{\text{five}} - 124_{\text{five}} =$

6. $4112_{\text{five}} - 143_{\text{five}} =$

7. $1221_{\text{three}} - 122_{\text{three}} =$

8. $2312_{\text{four}} - 203_{\text{four}} =$

9. $1010_{\text{two}} - 101_{\text{two}} =$