

# Addition Properties and Subtraction Rules

Complete each number sentence. Tell which property of addition you used.

1.  $27 + 45 = \underline{\hspace{2cm}} + 27$

2.  $(8 + 2) + 38 = 8 + \underline{\hspace{2cm}}$

3.  $782 + 0 = \underline{\hspace{2cm}}$

4.  $(14 + 7) + 6 = 14 + \underline{\hspace{2cm}}$

Use the Associative Property to help you find each sum mentally.

5.  $87 + 42 + 13$

---

6.  $74 + 65 + 26$

---

7.  $260 + 40 + 127$

---

8.  $189 + 123 + 11$

---

9.  $163 + 79 + 121$

---

10.  $2 + 12 + 98$

---

11.  $760 + 45 + 40$

---

12.  $157 + 25 + 75$

---

13.  $624 + 68 + 76$

---



## Test Prep

14. Brianna picked apples at Shelburne Orchards. She picked 17 macintosh apples, 49 golden delicious apples, and 83 red delicious apples. How can she group the addends to make it easier to find how many apples she picked altogether?

**A**  $17 + 49 + 83$     **C**  $(17 + 83) + 49$

**B**  $17 + (83 + 49)$     **D**  $(49 + 83) + 17$

15. Josephine had 86 baseball cards. George gave her 37 more. If David gives Josephine 14 more cards, how many will she have in all? Explain how you found your answer.

---

---

---