Distributive Property

1. **Find the value of the following:-**

   A.   2245 × 795 − 245 × 795

   B.   (−378) × (−36) + (−378) × (−64)

   C.   16752 × (−4) + (−16752) × 96

2. **Verify the following:-**

   A.   28 × [8 + (−5)] = [28 × 8] + [28 × (−5)]

   B.   (−75) × [(−8) + (−4)] = [(−75) × (−8)] + [(−75) × (−4)]

3. **Multiply using suitable properties:-**

   A.   625 × 84   B.   [200 × 2543 − 100 × 2543]

   C.   52 × 27 − 52 x 32   D.   39 × (−2) + (−2) × 10

4. **Find the value of x for following:-**

   A.   5 × [(−4) − x] = 5 × (−4) −5 × 10   B.   2 × (3 + x) = 2 × 3 + 6 × 2

   B.   x × [(−5) + 8] = 9 × (−5) + 9 × 8   D.   3 × (0 − x) = 3 × 0 − 3 × 3