Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_ Class\_\_\_\_\_\_\_\_\_

**Directions: Factor the expression using the distributive property.**

**1. 16+ 32 2. 54+ 63**

\_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_) \_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_)

**3. 36 + 40 4. 40 + 50**

\_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_) \_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_)

**5. 24 + 60** **6.3(20) 66 27 + 36 8(60) + 8(7) = 536**

\_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_) \_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_)

**7. 45 + 60** **8. 77 + 99 999999999999 7.8888888888 5(9) = 195**

\_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_) \_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_)

**9. 56 + 64 10.. 48 + 14**

\_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_) \_\_\_\_\_\_\_(\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_)