Grade: 4   **Category:** Multiplication   **Subcategory:** Fill in the blanks using 'Associative property'   **Worksheet #:** 56Q

1. $(16 \times \underline{\quad}) \times 13 = (\underline{\quad} \times 16) \times 9$	6. $20 \times (\underline{\quad} \times 64) = 14 \times (20 \times \underline{\quad})$
2. $(\underline{\quad} \times 42) \times 54 = 54 \times (8 \times \underline{\quad})$	7. $(76 \times 12) \times \underline{\quad} = 9 \times (76 \times \underline{\quad})$
3. $7 \times (\underline{\quad} \times 22) = 22 \times (15 \times \underline{\quad})$	8. $(\underline{\quad} \times 30) \times 12 = 12 \times (23 \times \underline{\quad})$
4. $(52 \times \underline{\quad}) \times 21 = (21 \times 7) \times \underline{\quad}$	9. $\underline{\quad} \times (49 \times 21) = 49 \times (13 \times \underline{\quad})$
5. $(\underline{\quad} \times 67) \times 32 = (32 \times 16) \times \underline{\quad}$	10. $18 \times (14 \times \underline{\quad}) = 20 \times (18 \times \underline{\quad})$

Grade: 4   **Category:** Multiplication   **Subcategory:** Fill in the blanks using 'Associative property'   **Worksheet #:** 56A

1. $(16 \times \_9\_) \times 13 = (\_13\_ \times 16) \times 9$	6. $20 \times (\_14\_ \times 64) = 14 \times (20 \times \_64\_)$
2. $(\_8\_ \times 42) \times 54 = 54 \times (8 \times \_42\_)$	7. $(76 \times 12) \times \_9\_ = 9 \times (76 \times \_12\_)$
3. $7 \times (\_15\_ \times 22) = 22 \times (15 \times \_7\_)$	8. $(\_23\_ \times 30) \times 12 = 12 \times (23 \times \_30\_)$
4. $(52 \times \_7\_) \times 21 = (21 \times 7) \times \_52\_$	9. $\_13\_ \times (49 \times 21) = 49 \times (13 \times \_21\_)$
5. $(\_16\_ \times 67) \times 32 = (32 \times 16) \times \_67\_$	10. $18 \times (14 \times \_20\_) = 20 \times (18 \times \_14\_)$