* Expansion of Linear Algebraic Expressions

- Expansion of $a(b+c)$ (2-5)

⇒ Questions page 5 [Q1: a,d,g,h, Q2: b,c,e, Q3: c,d, Q4, Q7]

- Expansion of $(a+b)(c+d)$ (6-8)

⇒ Questions page 8 [Q2: a,b,c,d, Q3: b,d,f,h,j]

- Expansion of $(a+b)^2$ and $(a-b)^2$ (8-10)

⇒ Questions page 10 [Q1: a,c,e,g, Q2: b,d,f,h, Q3: a,d,e,h]

- Expansion of $(a+b)(a-b)$ (11-12)

⇒ Questions page 12 [Q1: a,b,c, Q2: a,b,c, Q3: a,b,c]

P.S ⇒ The expansion using the concept of area in Geometry is not included.

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* Factorization of Algebraic Expressions

- Factorization by Taking Out the Common Factor (13-14)

⇒ Questions page 14 [Q3: a,b,c,d, Q4: a,b,e,f, Q5: b,e, Q6: a,c,e,h]

- Factorization by using the special Results of $a^2+2ab+b^2$ and $a^2-2ab+b^2$ (20-22)

⇒ Questions page 22 [Q2: a,c, Q3: a,c, Q4: a,c]

- Factorization by using the special Result of a^2-b^2 (22-24)

⇒ Questions page 24 [Q2: a,e,i,k, Q3: a,c,e,g,i, Q4]