

Tugas kimia

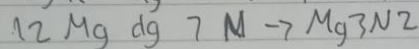
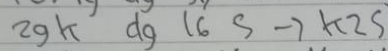
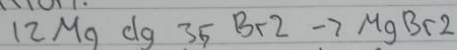
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Soal

1.) Manakah ikatan ion yang paling kuat (NaCl, NaBr, KCl, KF, KBr)

2.) Bagaimana ikatan ~~terjadi~~ terjadi? Jika Valensi 1, 2, atau 3 melepas elektron dan Valensi 4, 5, 6 atau 7 menangkap elektron.

Jawaban

$$1. \text{ Na} = 0,9$$

$$\text{Cl} = 3$$

$$\text{Br} = 2,8$$

$$\text{K} = 0,8$$

$$\text{F} = 4$$

$$\text{NaCl} = 3 - 0,9 = 2,1$$

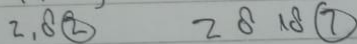
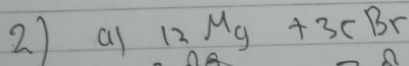
$$\text{NaBr} = 2,8 - 0,9 = 1,9$$

$$\text{KCl} = 3 - 0,8 = 2,2$$

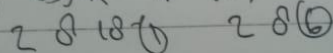
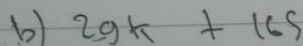
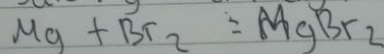
$$\text{KF} = 4 - 0,8 = 3,2$$

$$\text{KBr} = 2,8 - 0,8 = 2$$

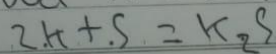
$$\text{Paling kuat} = 3,2 = \text{KF}$$

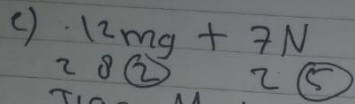


Satu Mg bisa menyumbang elektron ke dua Br jadi



Dua K bisa menyumbang elektron buat satu S





Tiga Mg bisa nyumbang electron dua N

