

कोडिंग-डिकोडिंग

Coding-Decoding





Patterns Types in coding

कोडिंग डिकोडिंग में प्रकार

- Letter to Letter Coding / लैटर से लैटर की कोडिंग
- Letter to Number Coding / लैटर से नंबर की कोडिंग
- Letter to LSN
- Chinese Coding / चीनीज़ कोडिंग
- Substitution Coding / प्रतिस्थापन कोडिंग
- Matrix coding



Letter to Letter Coding

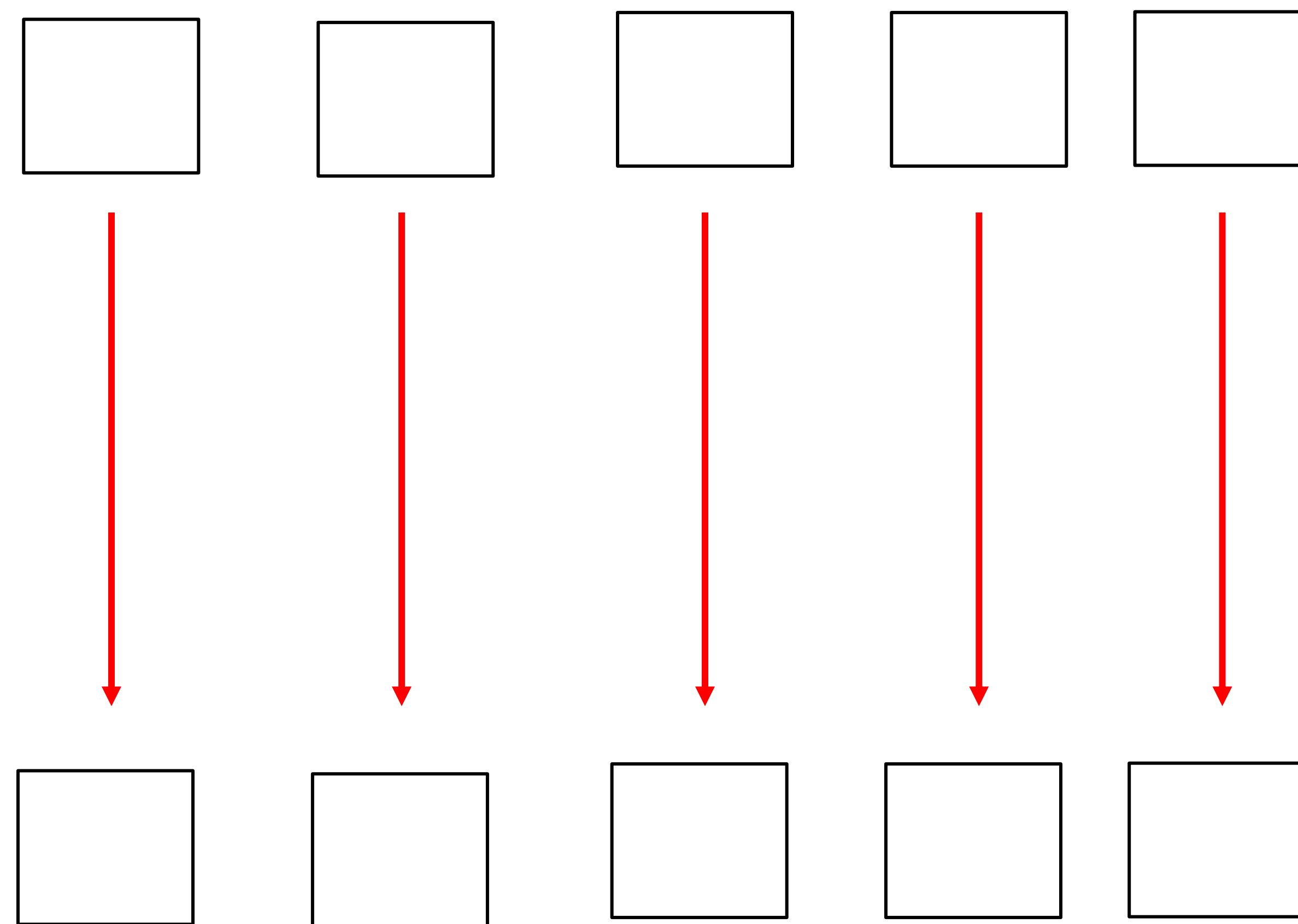
- First to First / पहले से पहले
- First to Last / पहले से आखिर तक
- Cross Coding / क्रॉस कोडिंग
- Sectional Coding(MIX) / सेक्शनल कोडिंग

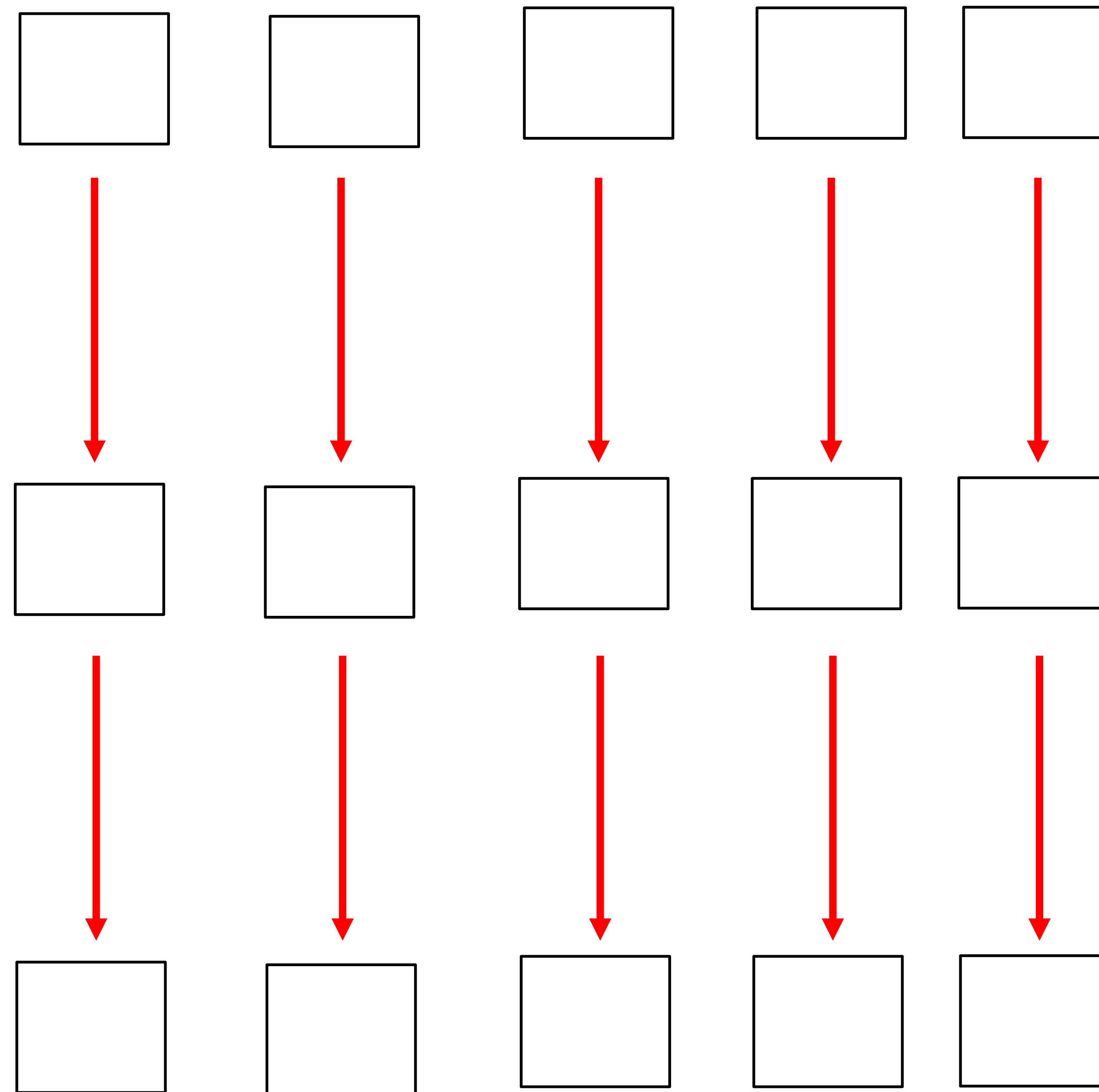




First to First / पहले से पहले

logic can directly Apply on given word or its opposite or its increasing / decreasing order.

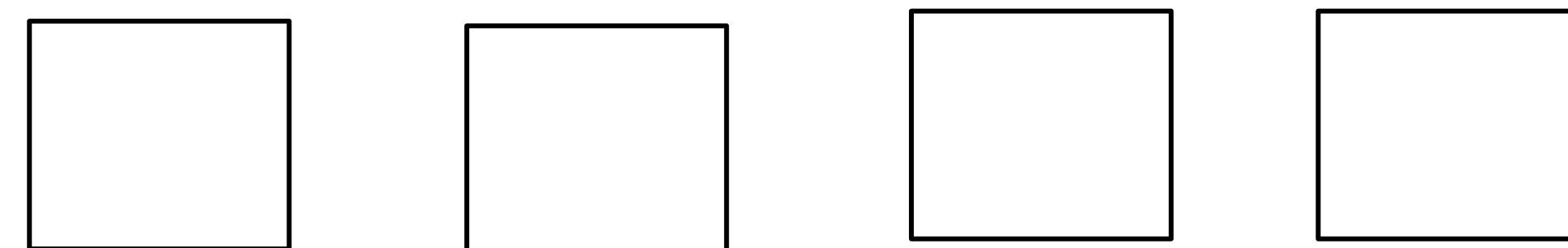
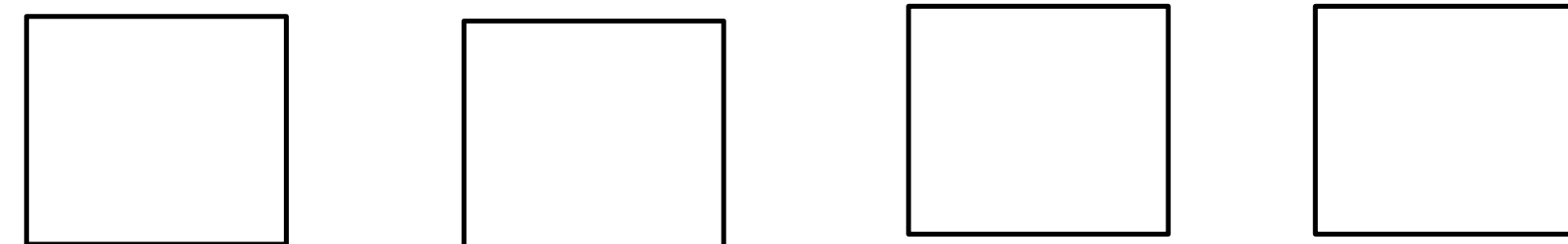
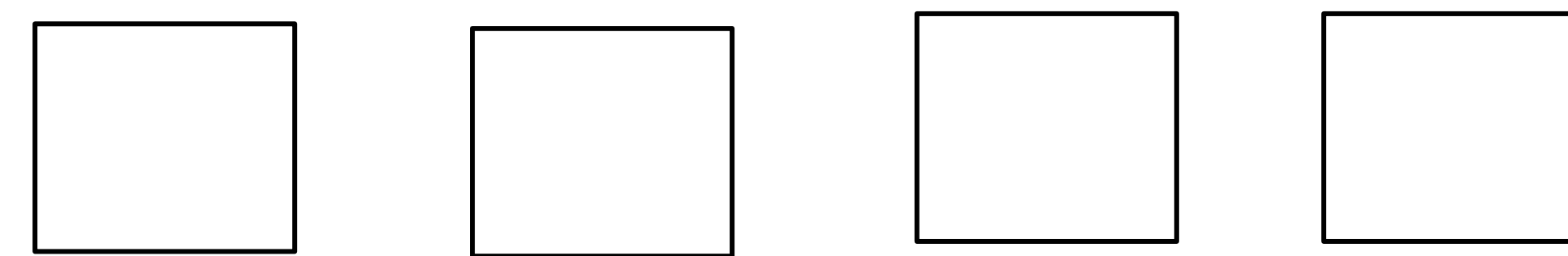




→ **Opposities**

→ **Logics**

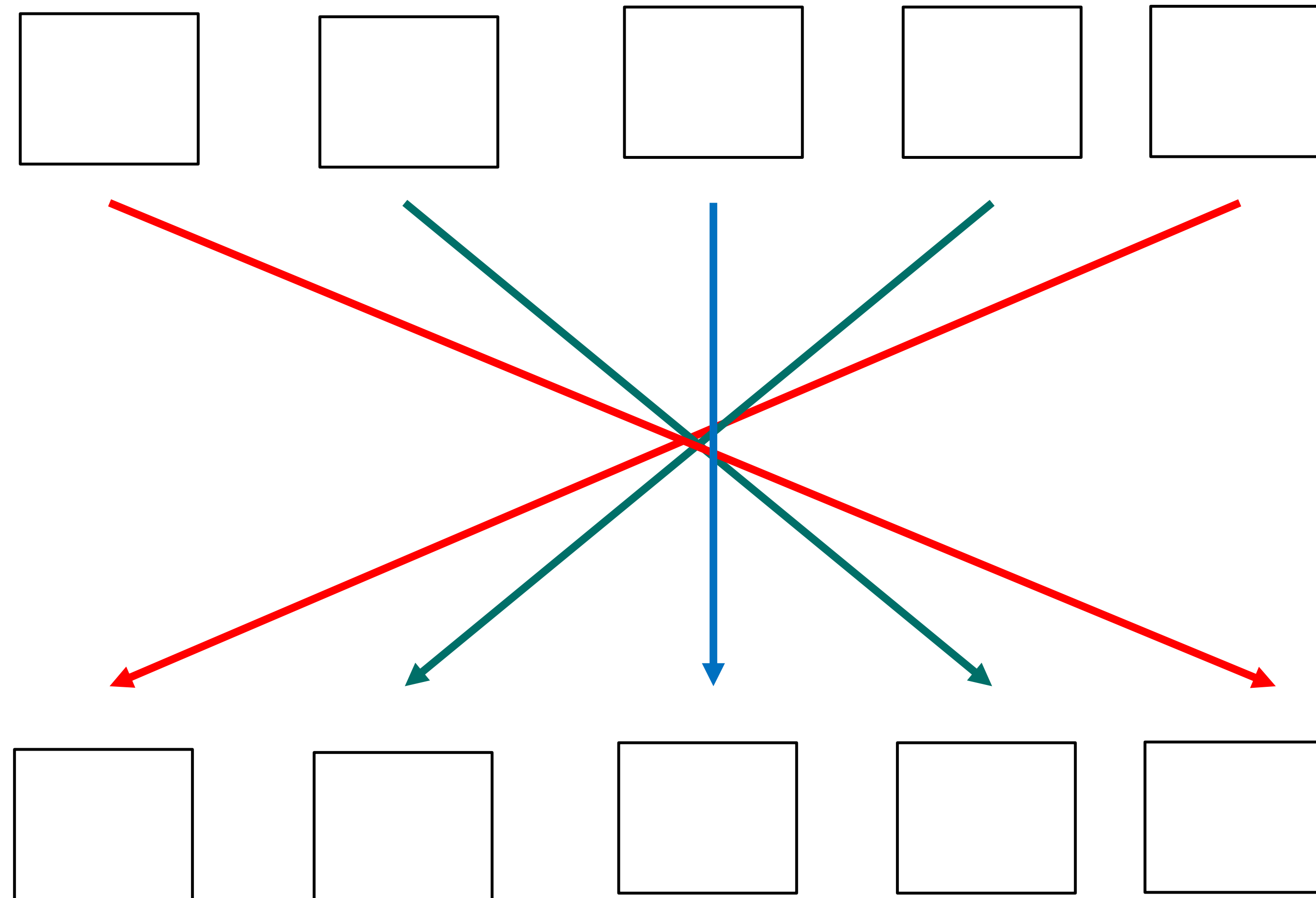


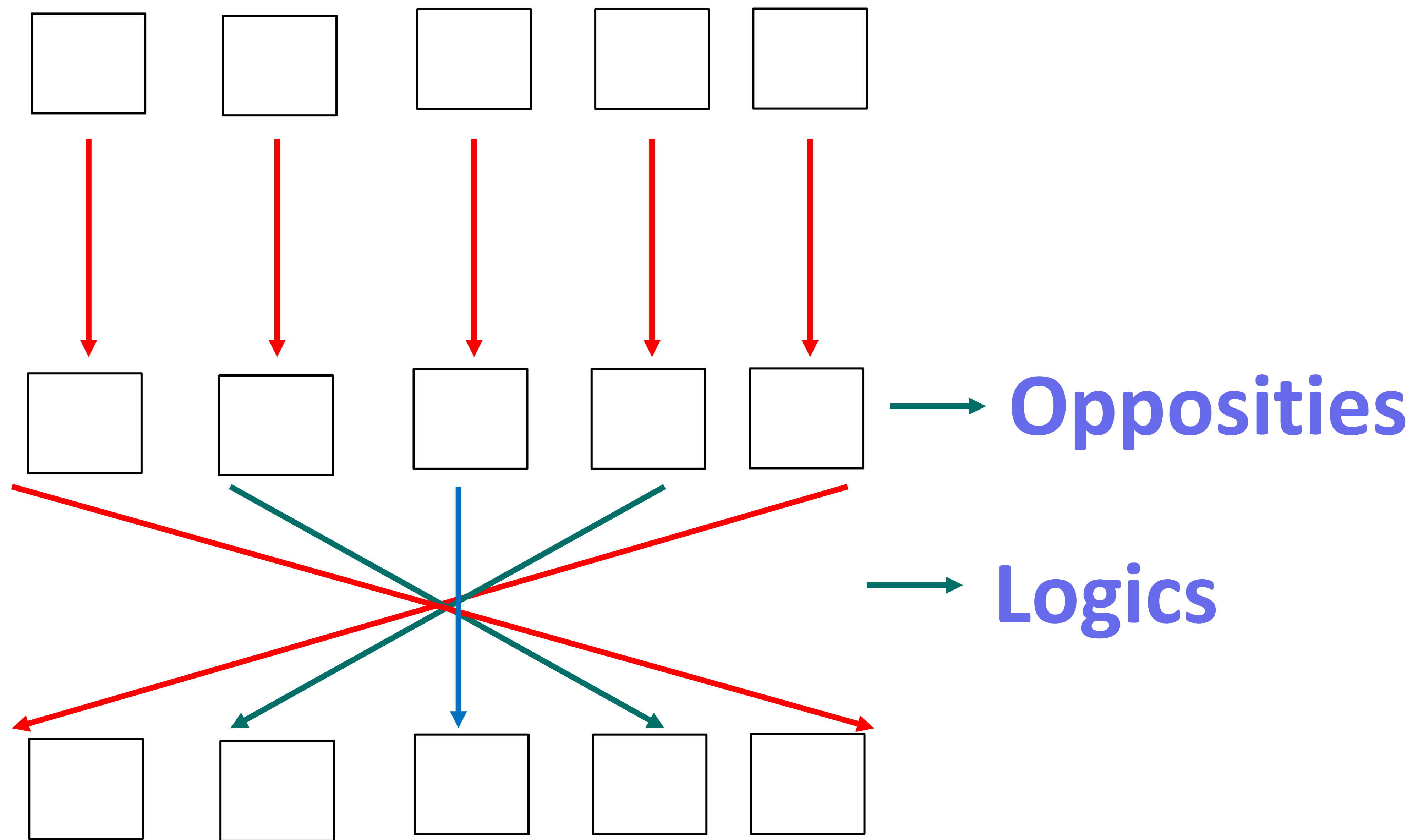


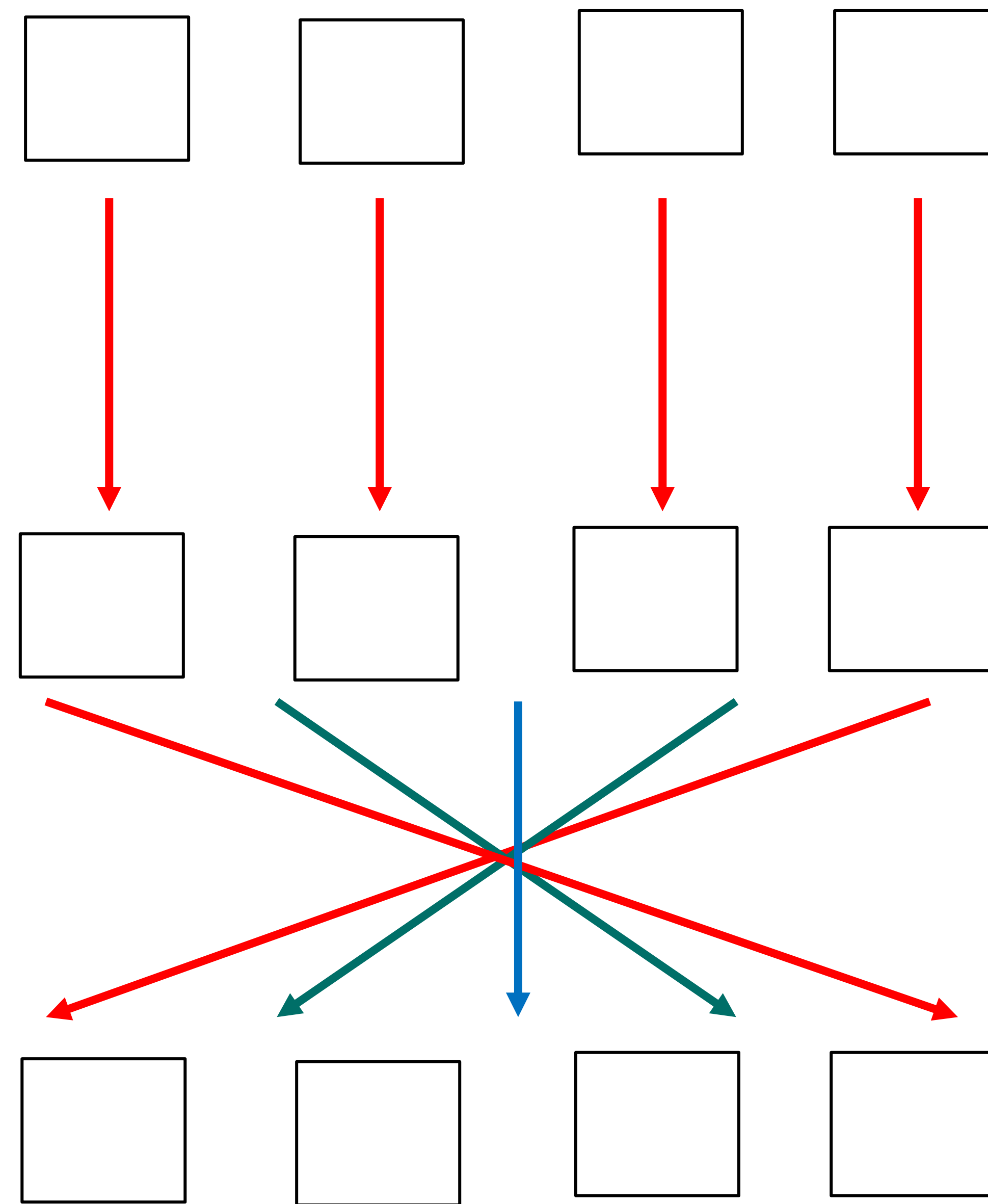
→ Increasing/decreasing

→ Logics

First to Last / पहले से आखिर







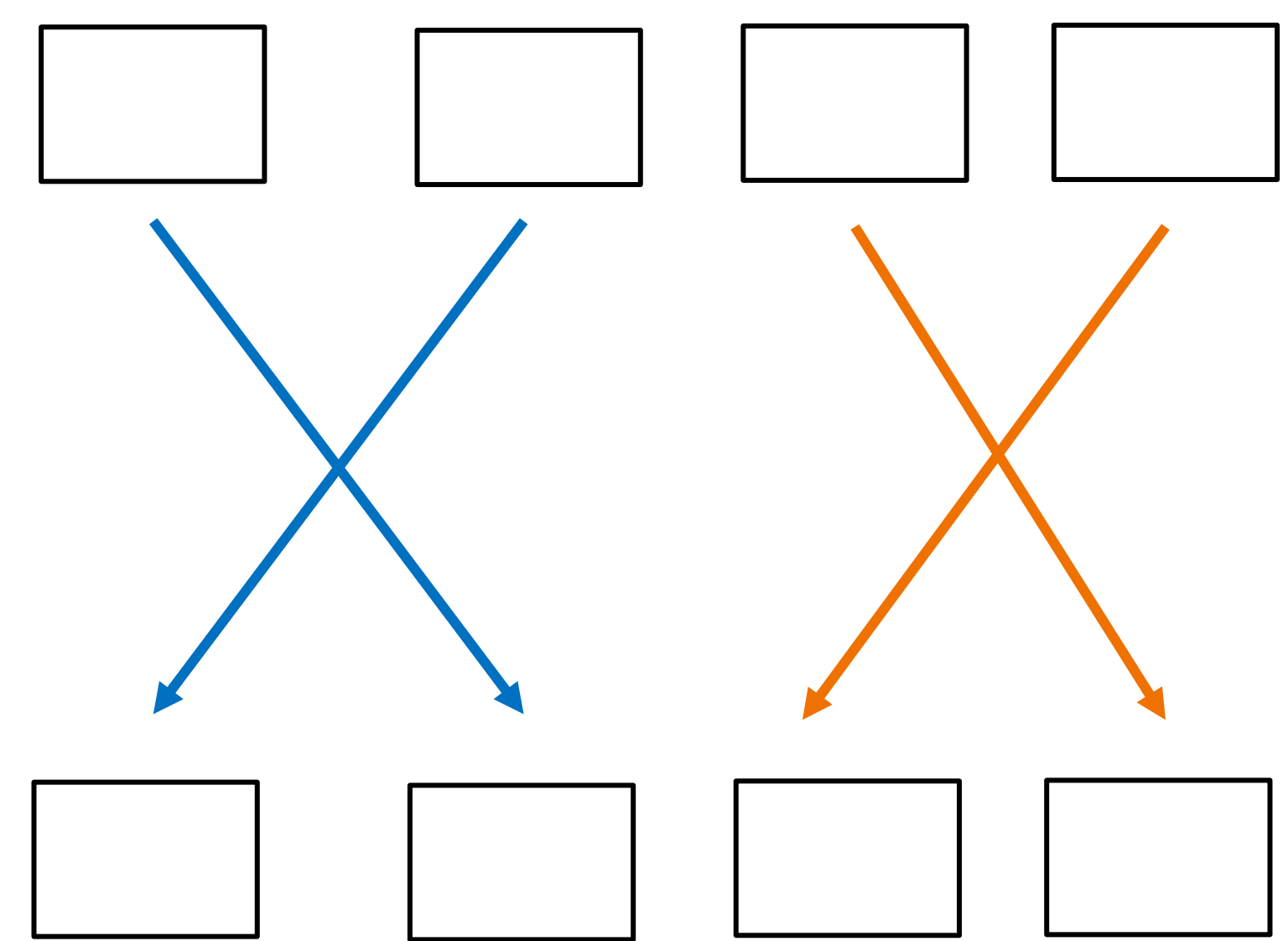
→ Increasing/decreasing

→ Logics

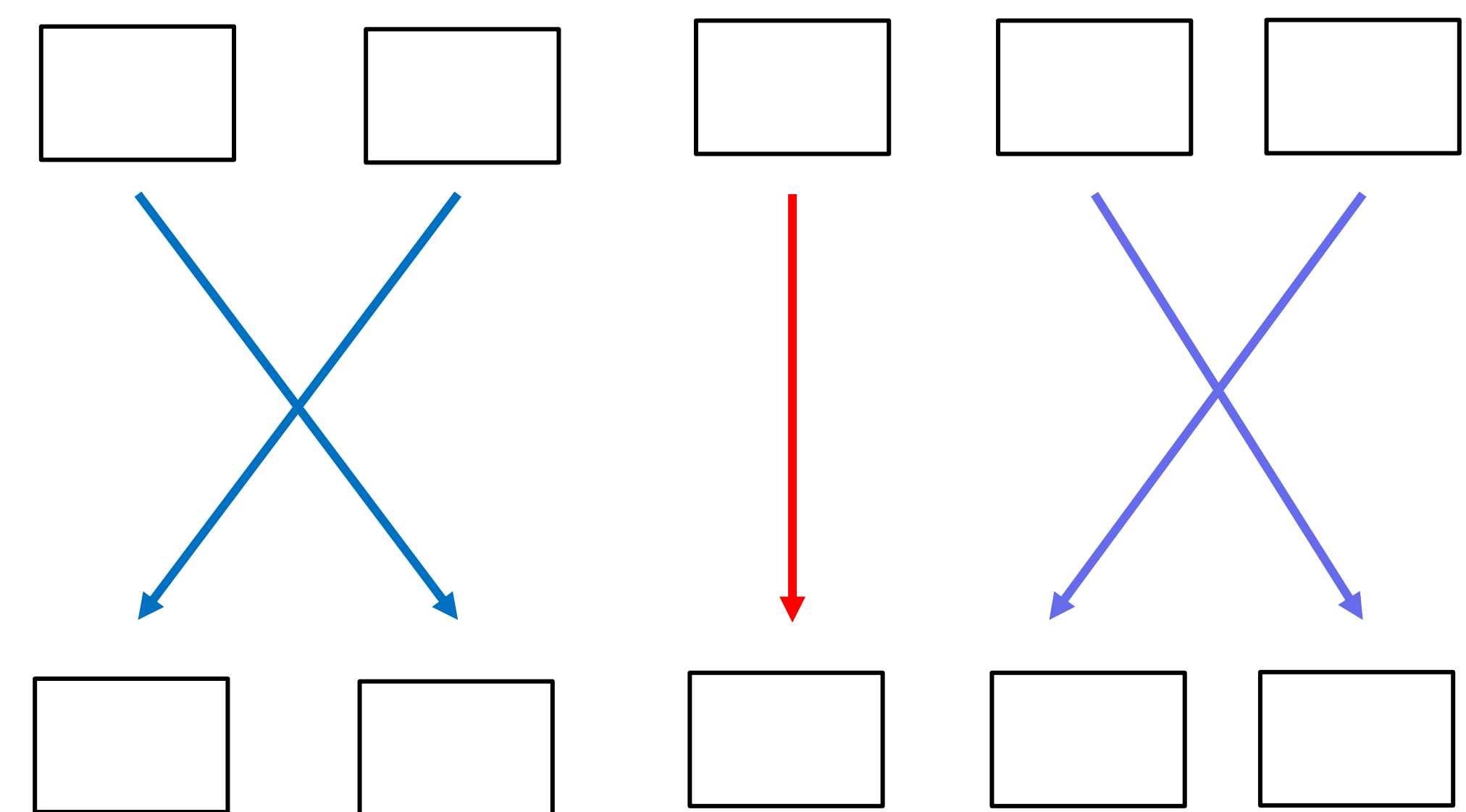
Cross Coding / क्रॉस कोडिंग

➤ 2 Cross at least

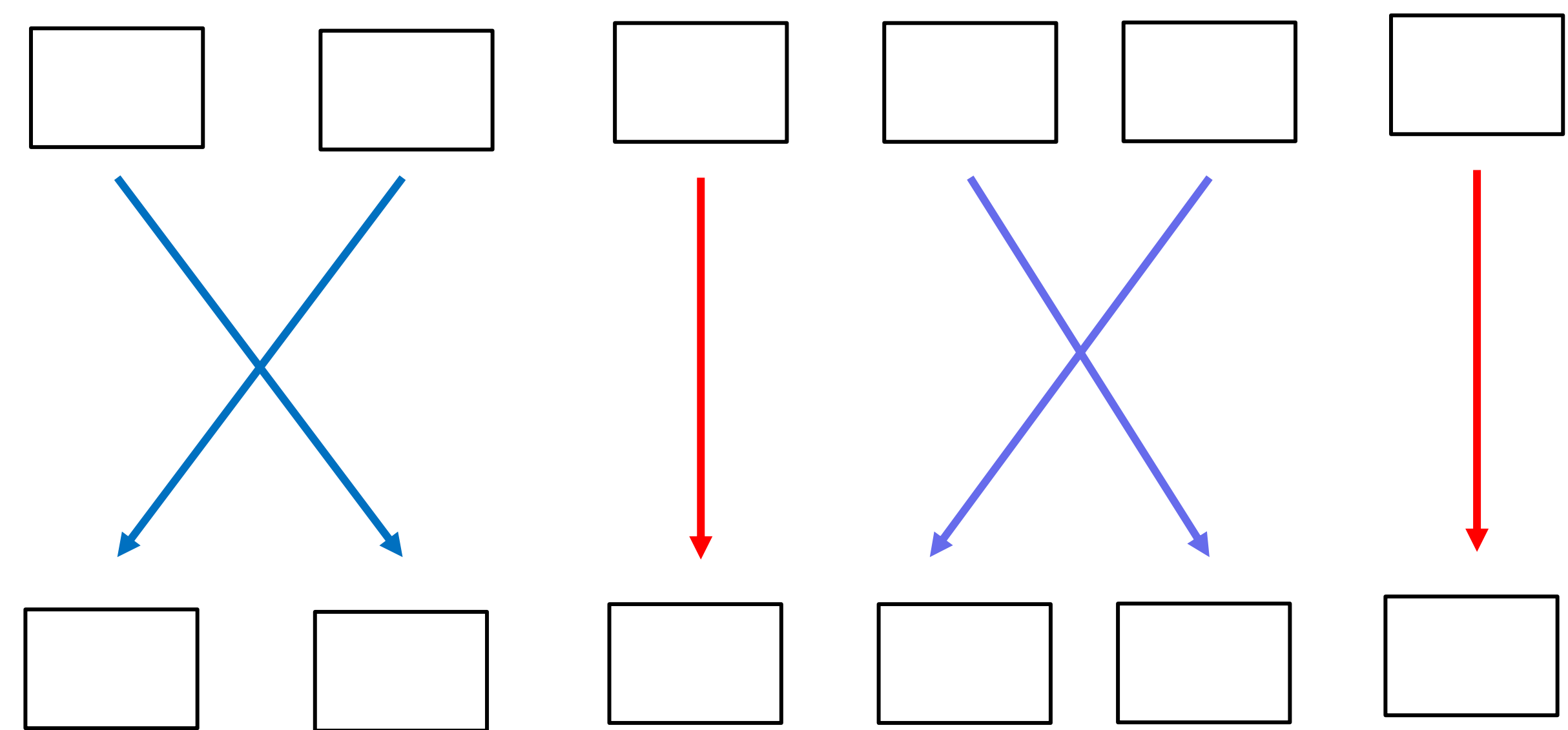
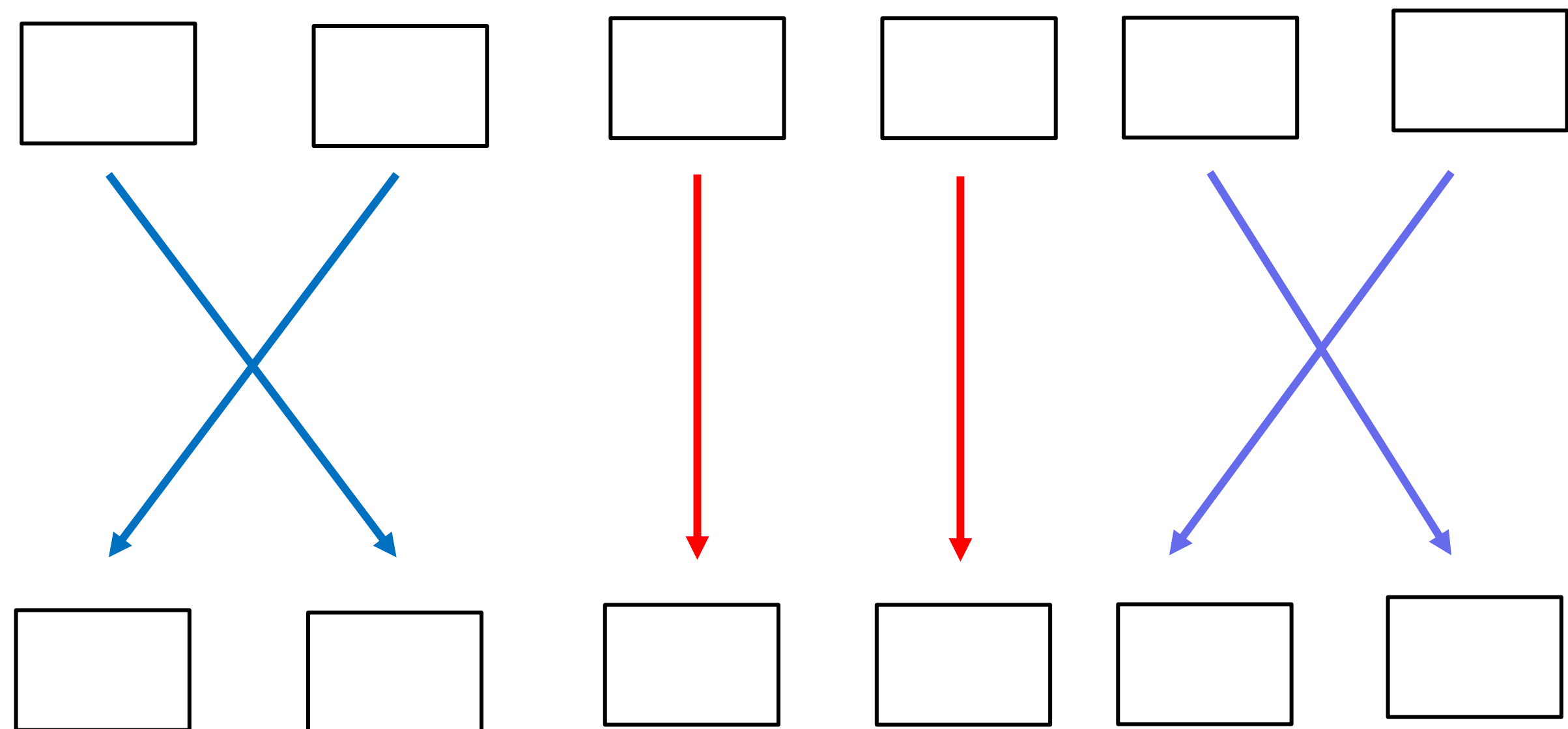
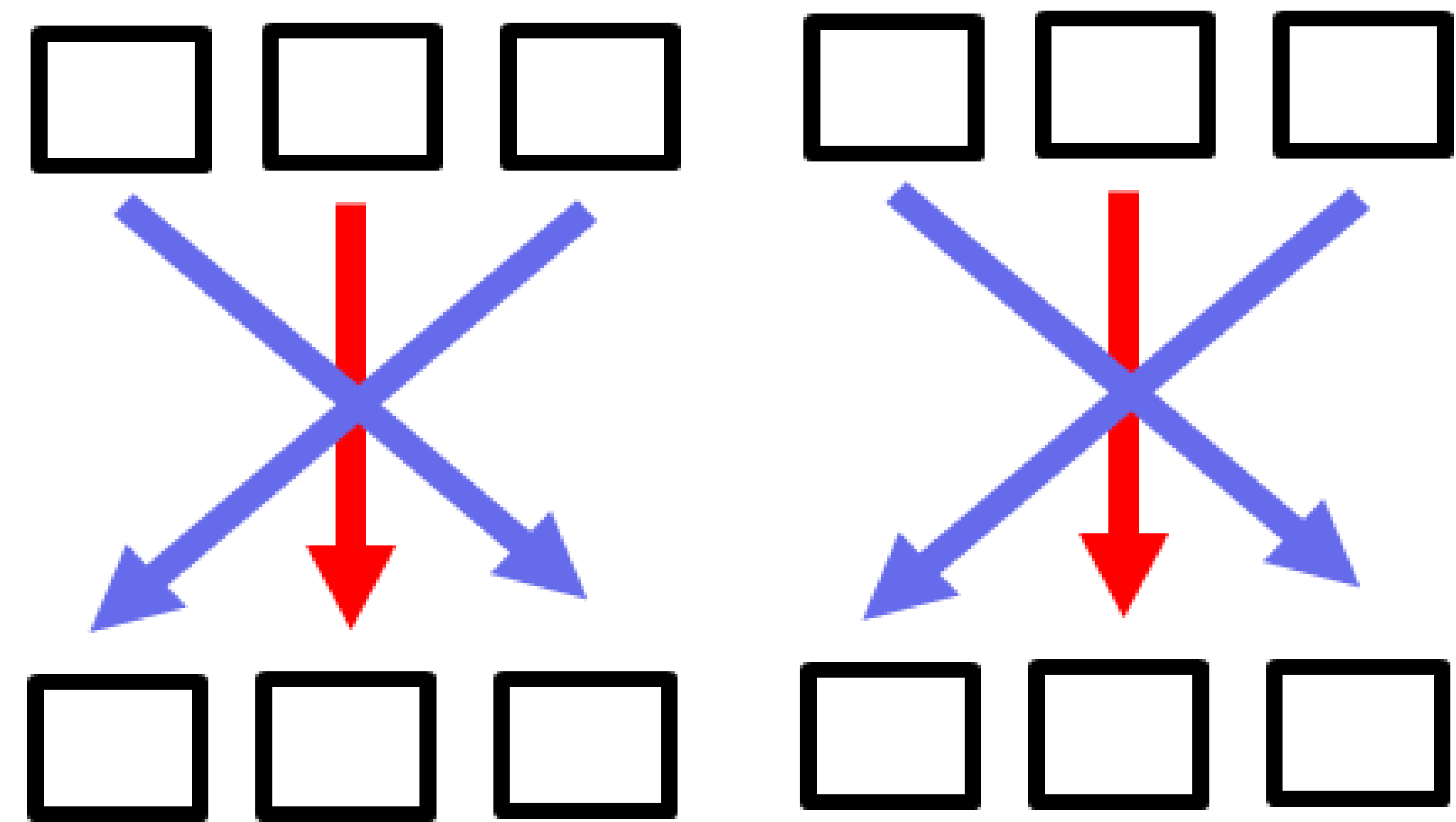
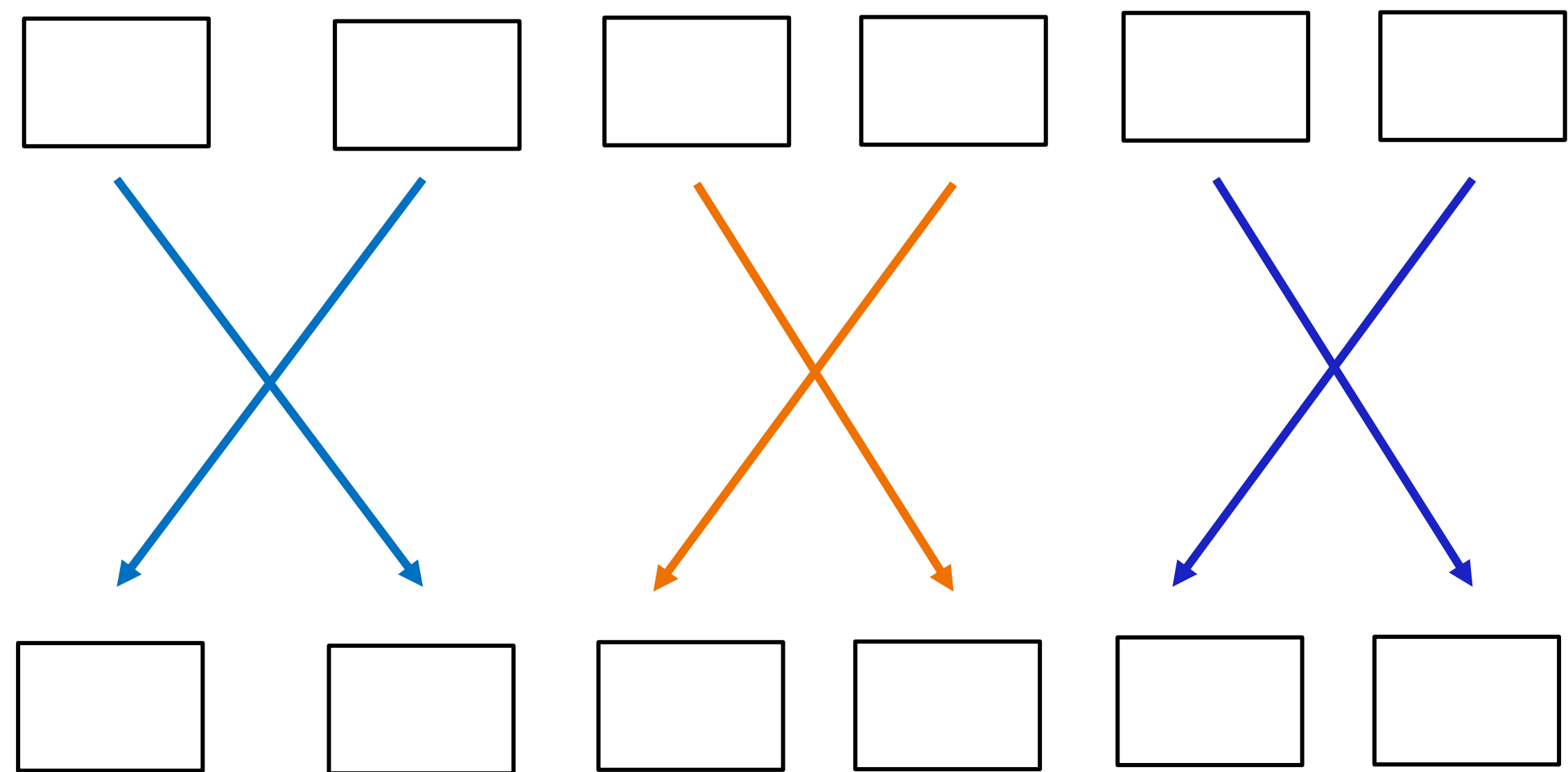
4 Letters



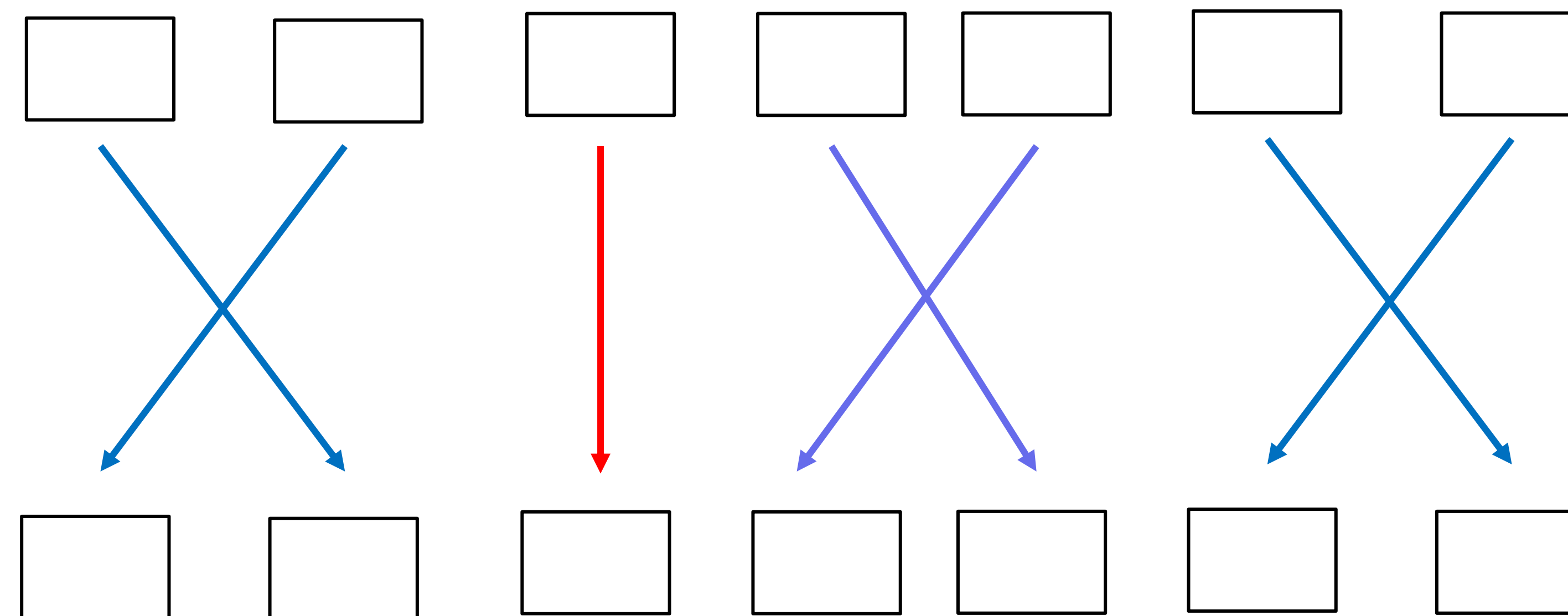
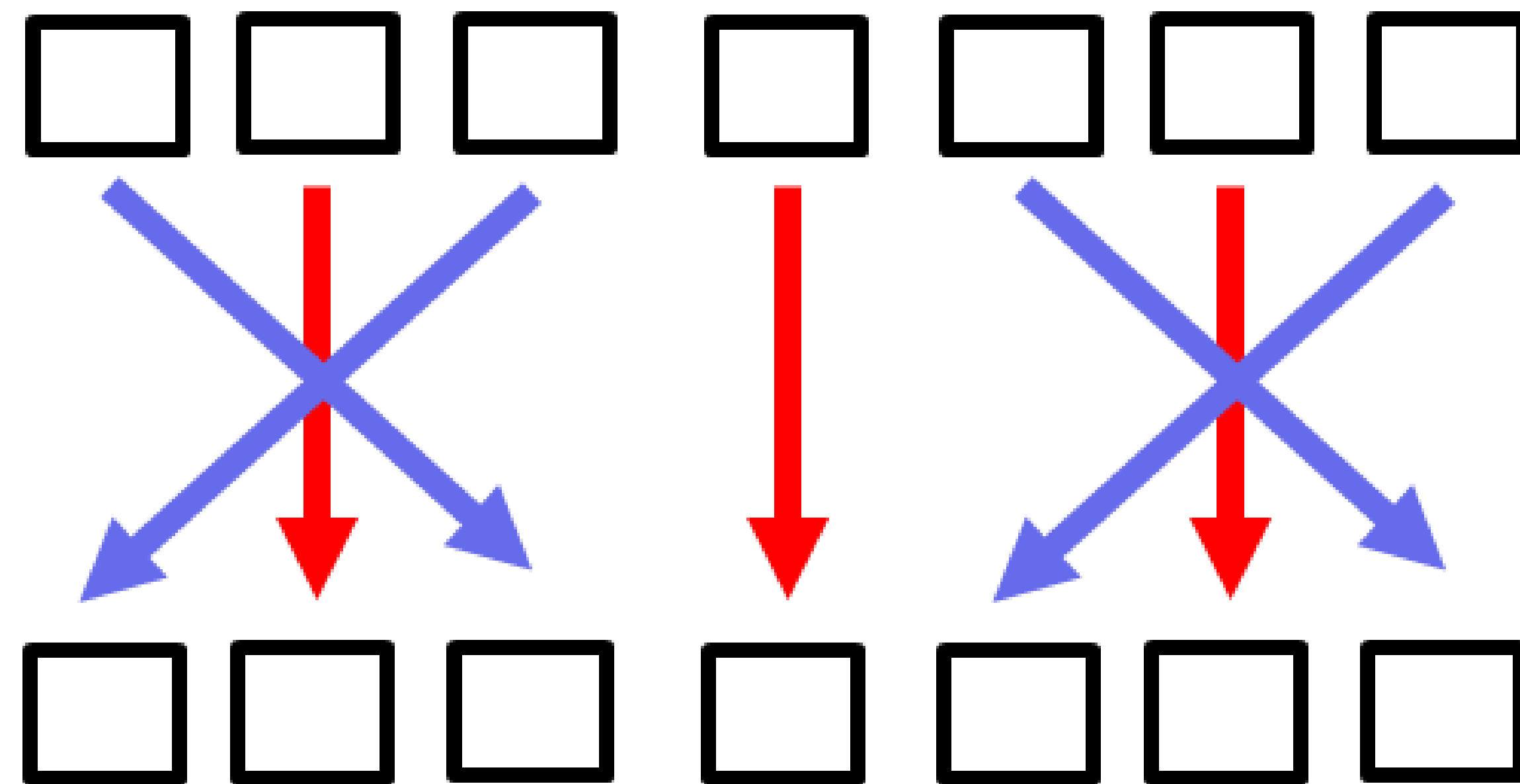
5 Letters



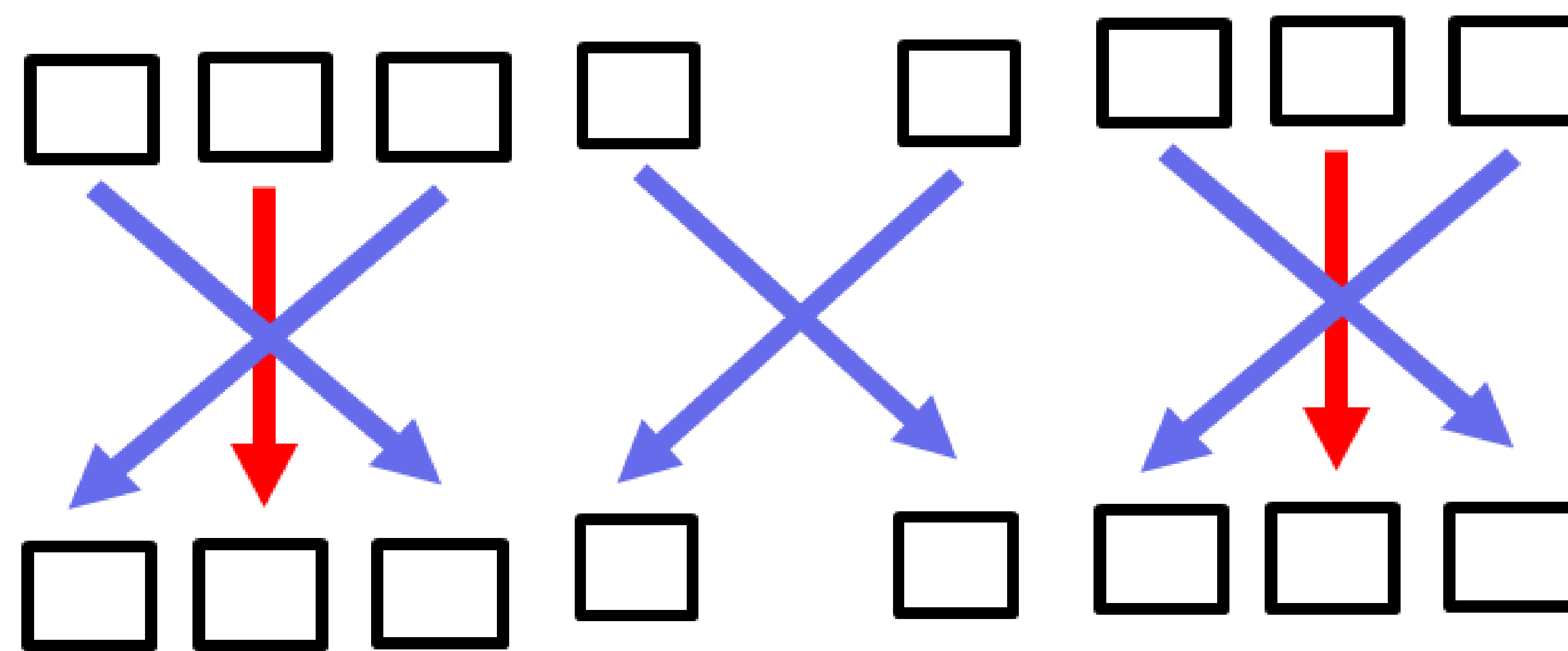
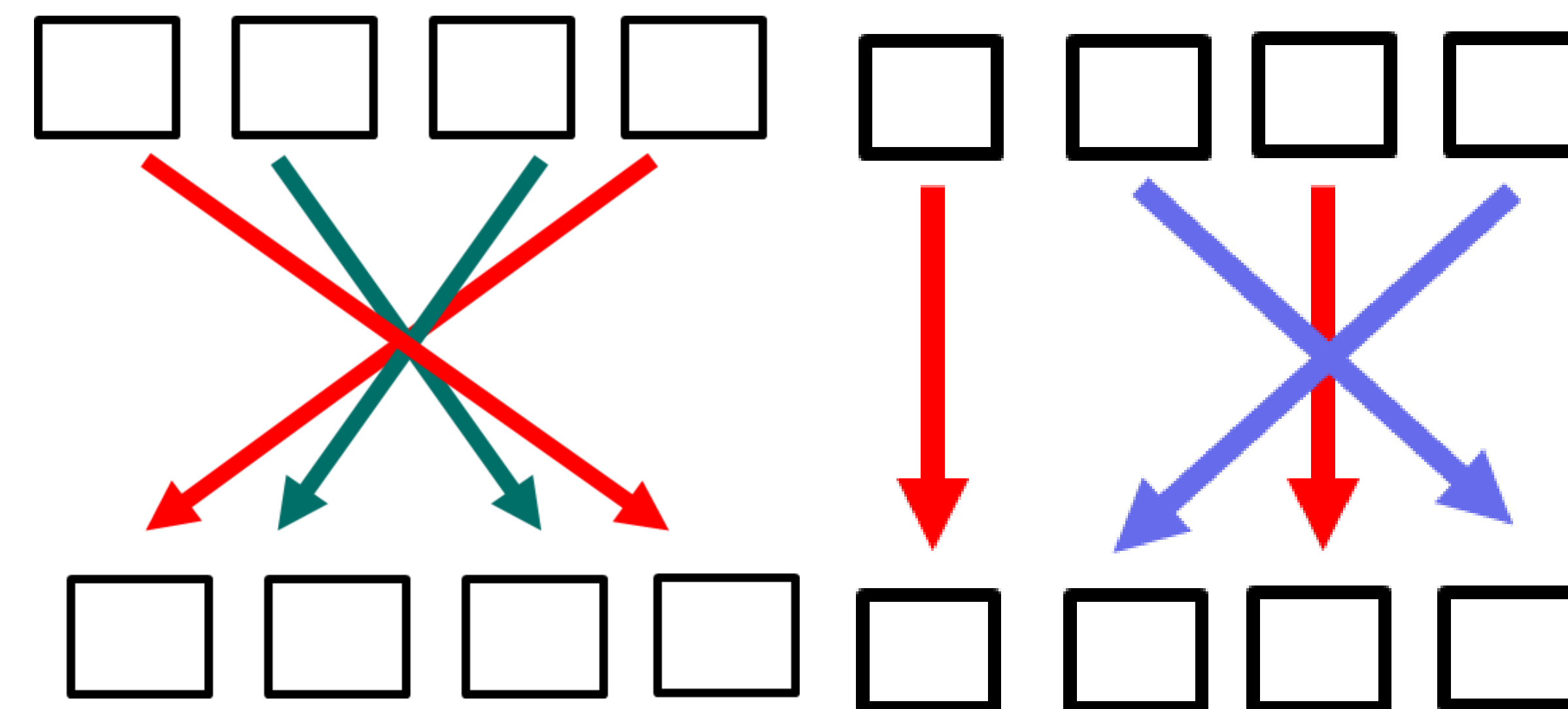
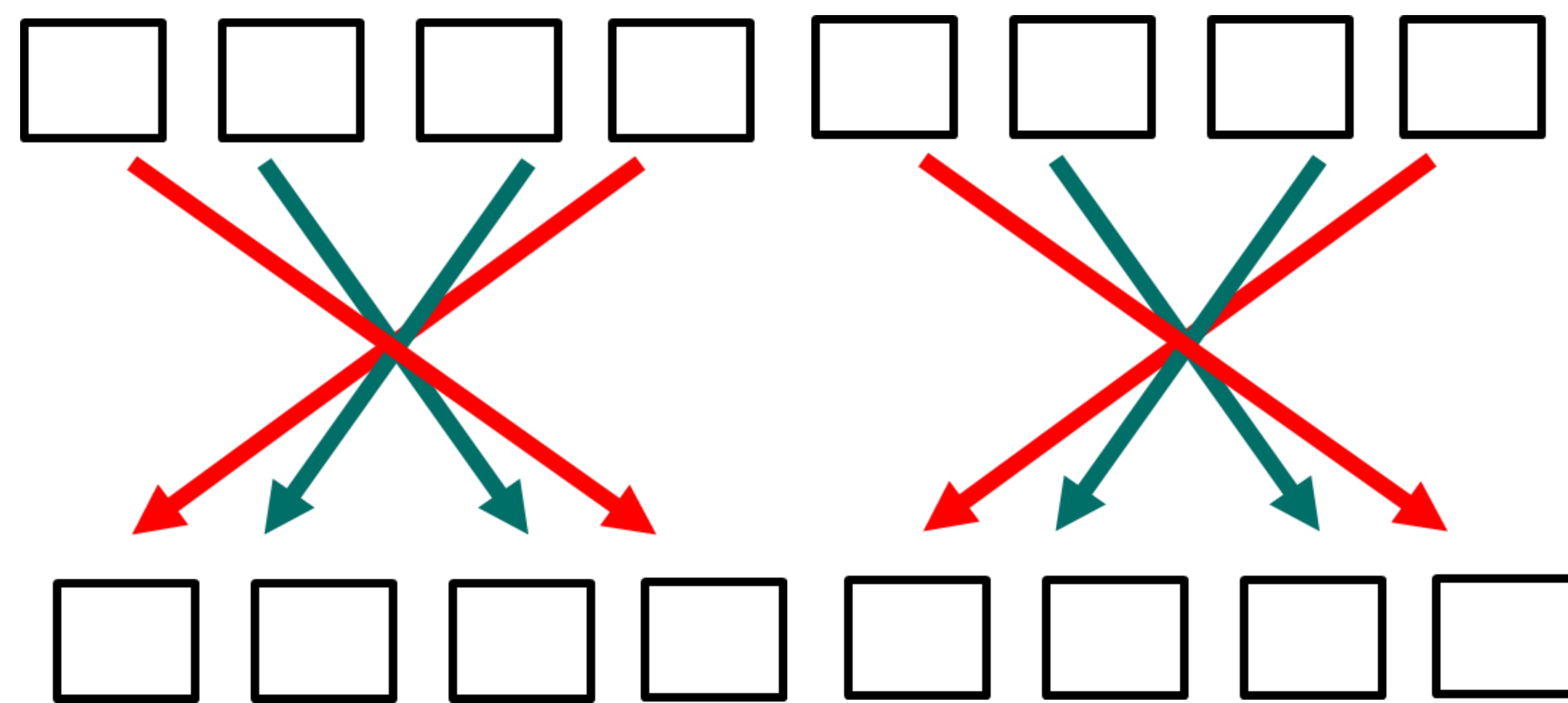
6 Letters



7 Letters

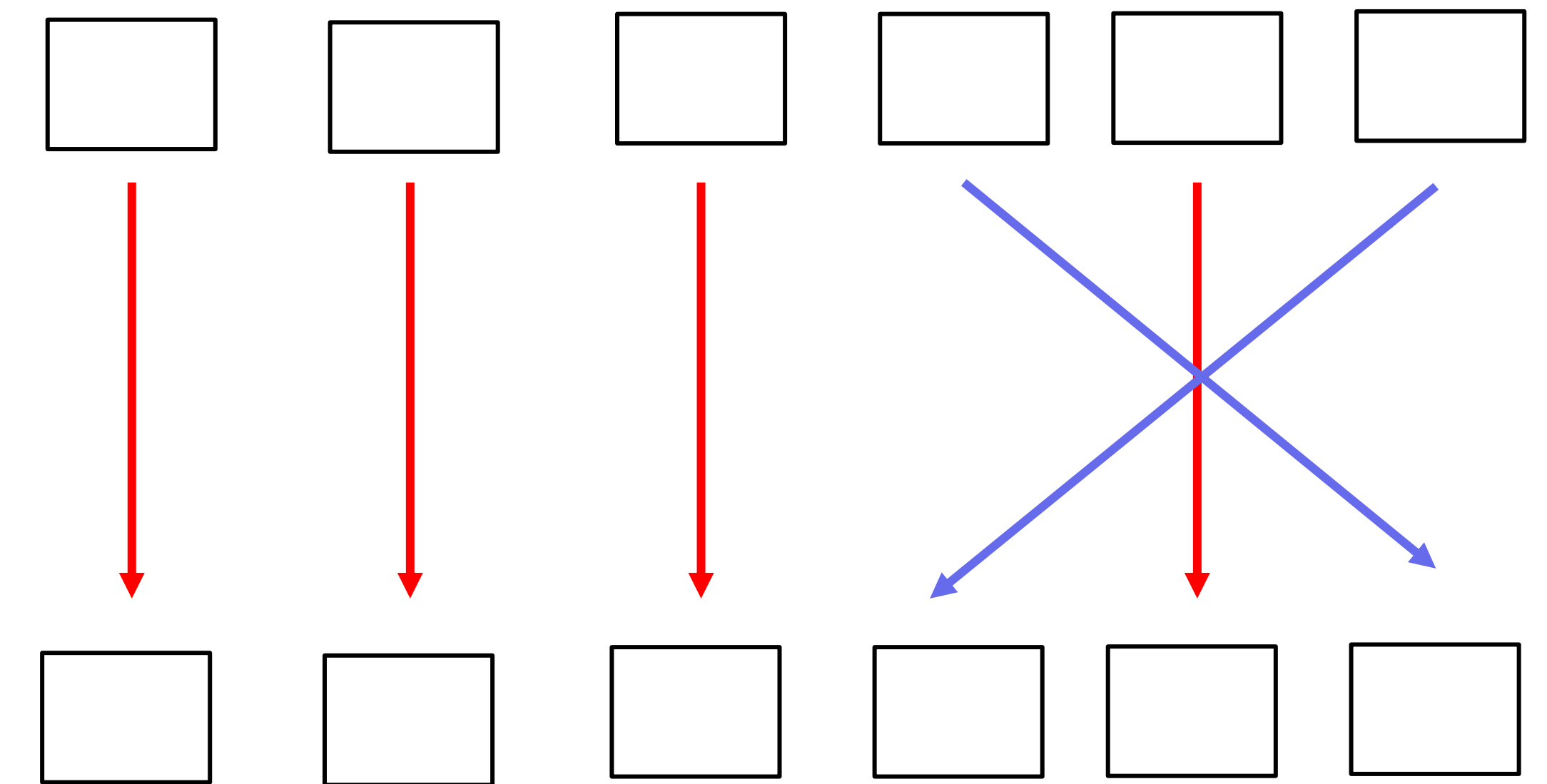
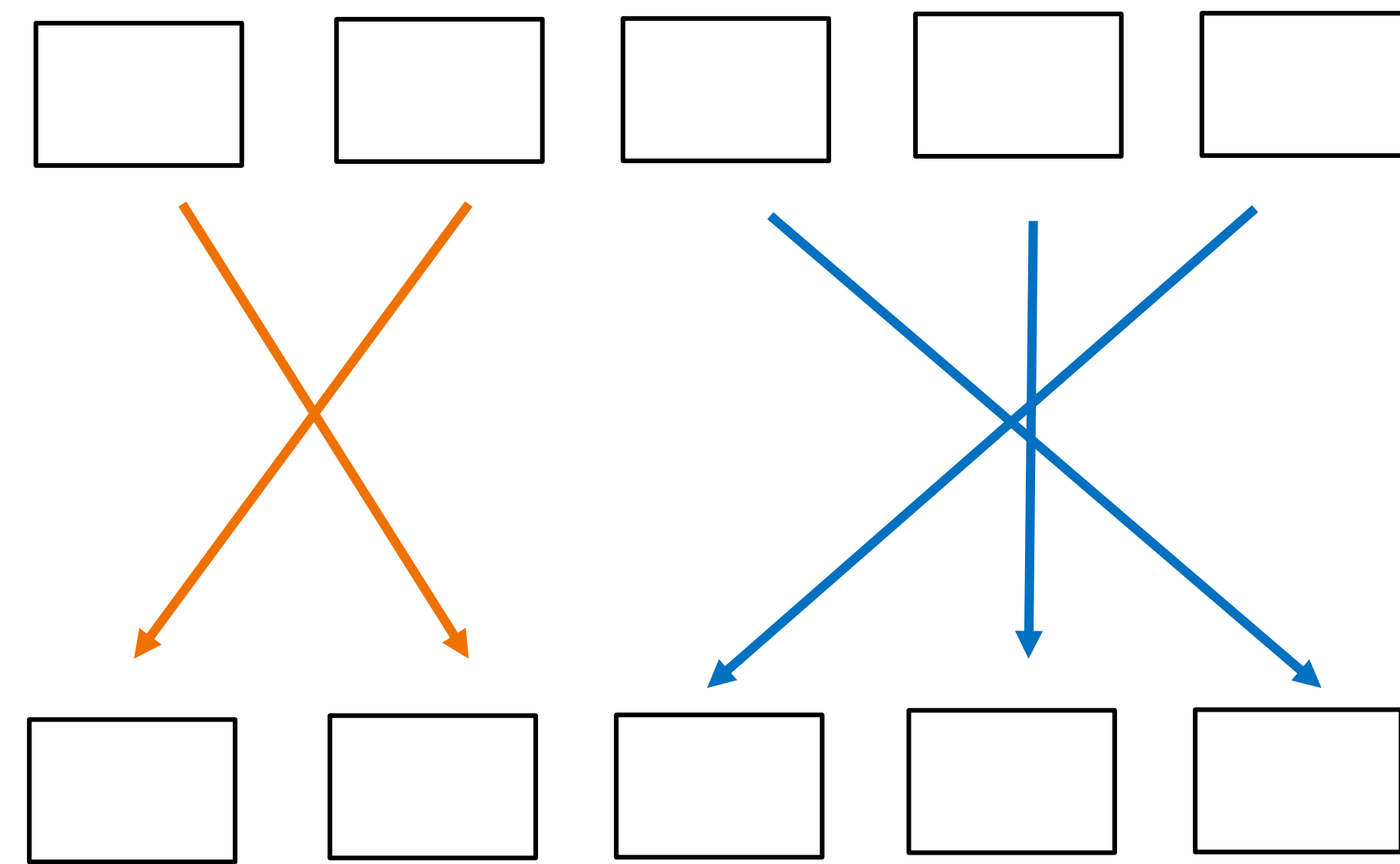


8 Letters



And so on

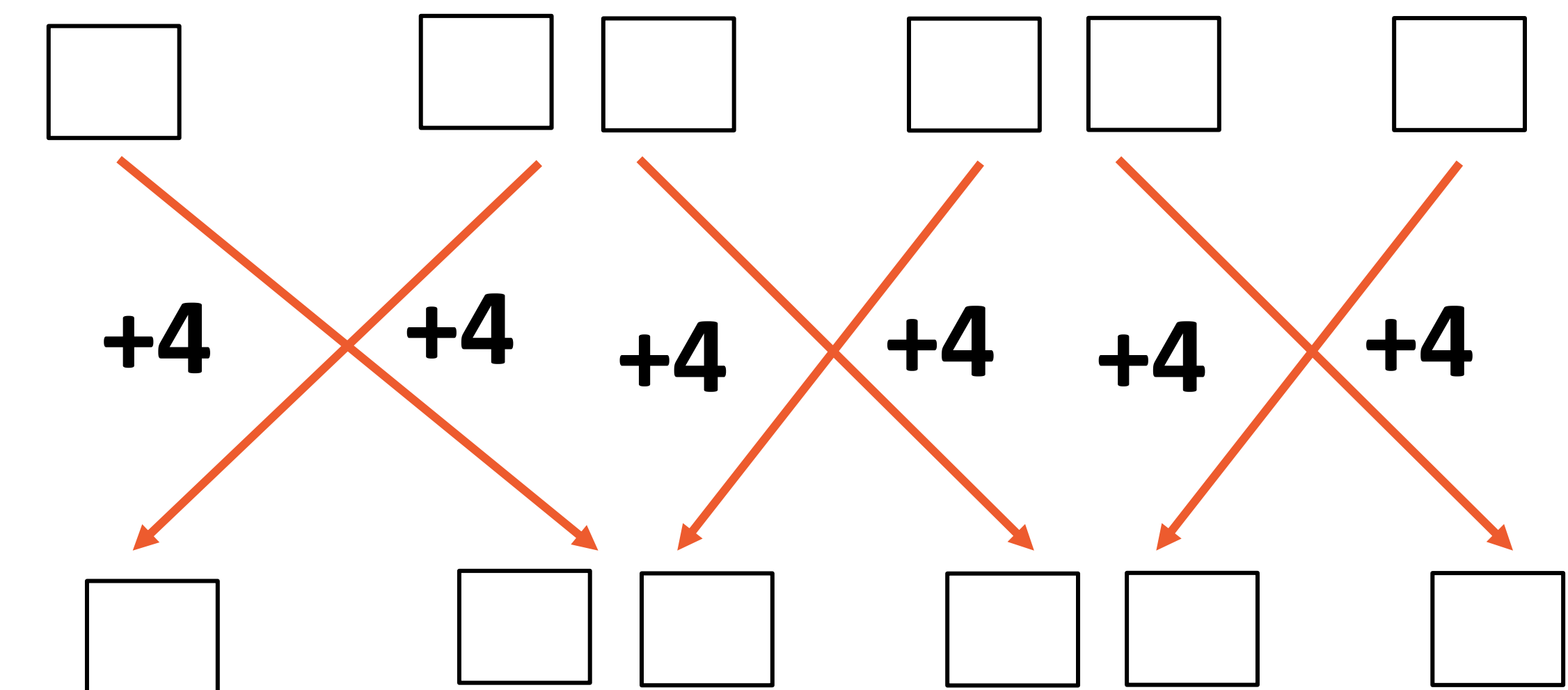
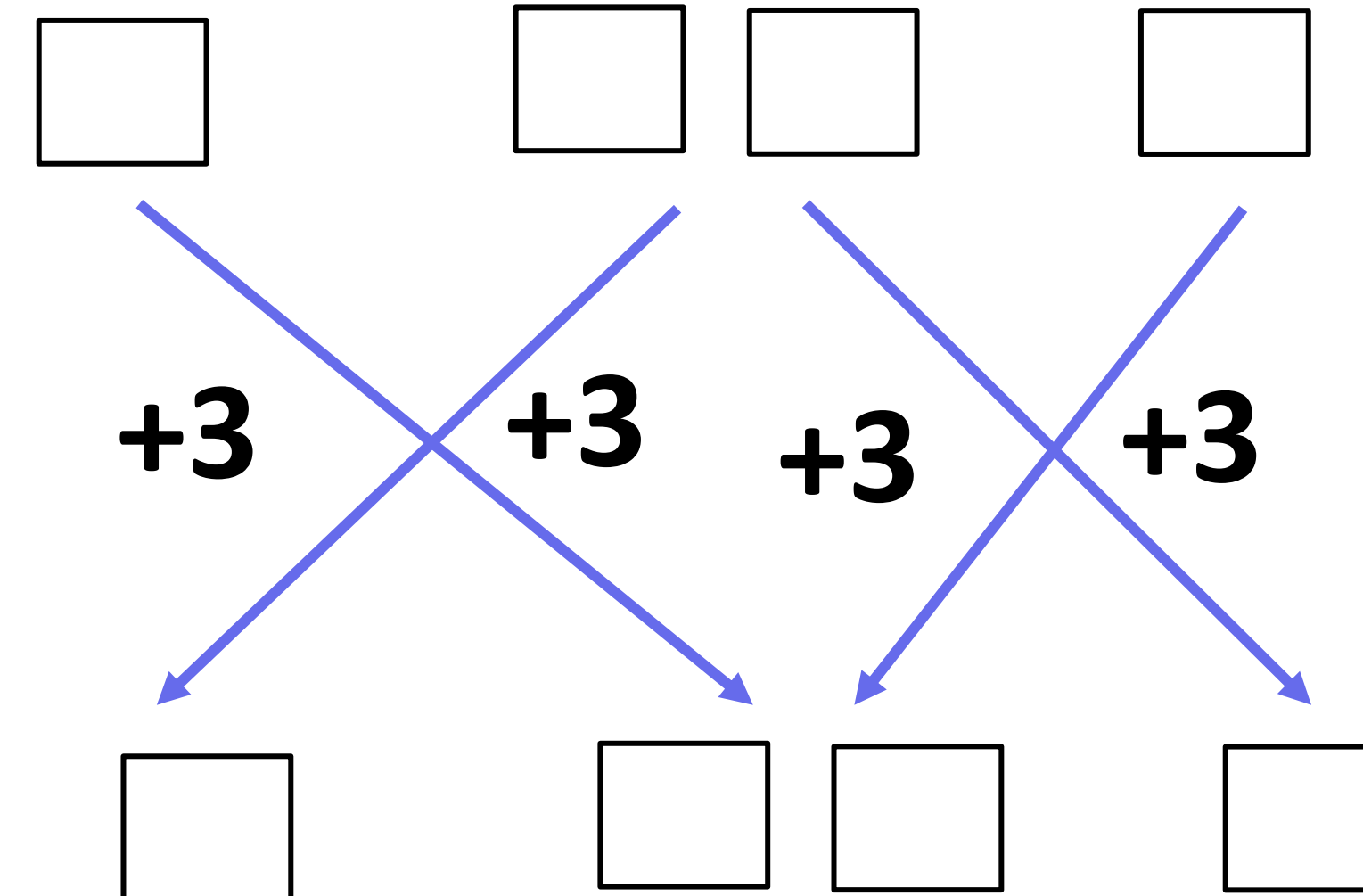
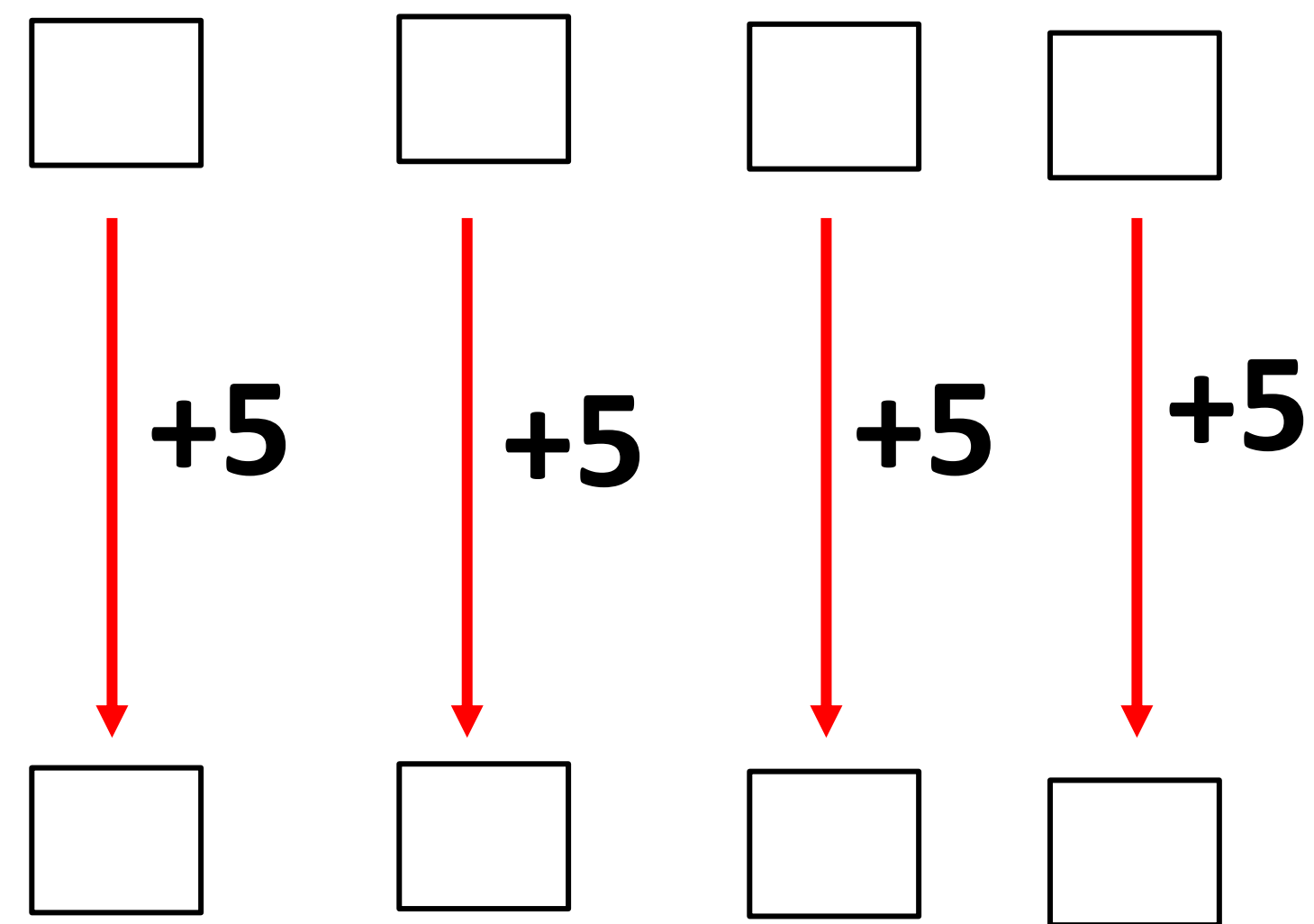
Section wise/ Miscellaneous(MIX) Coding



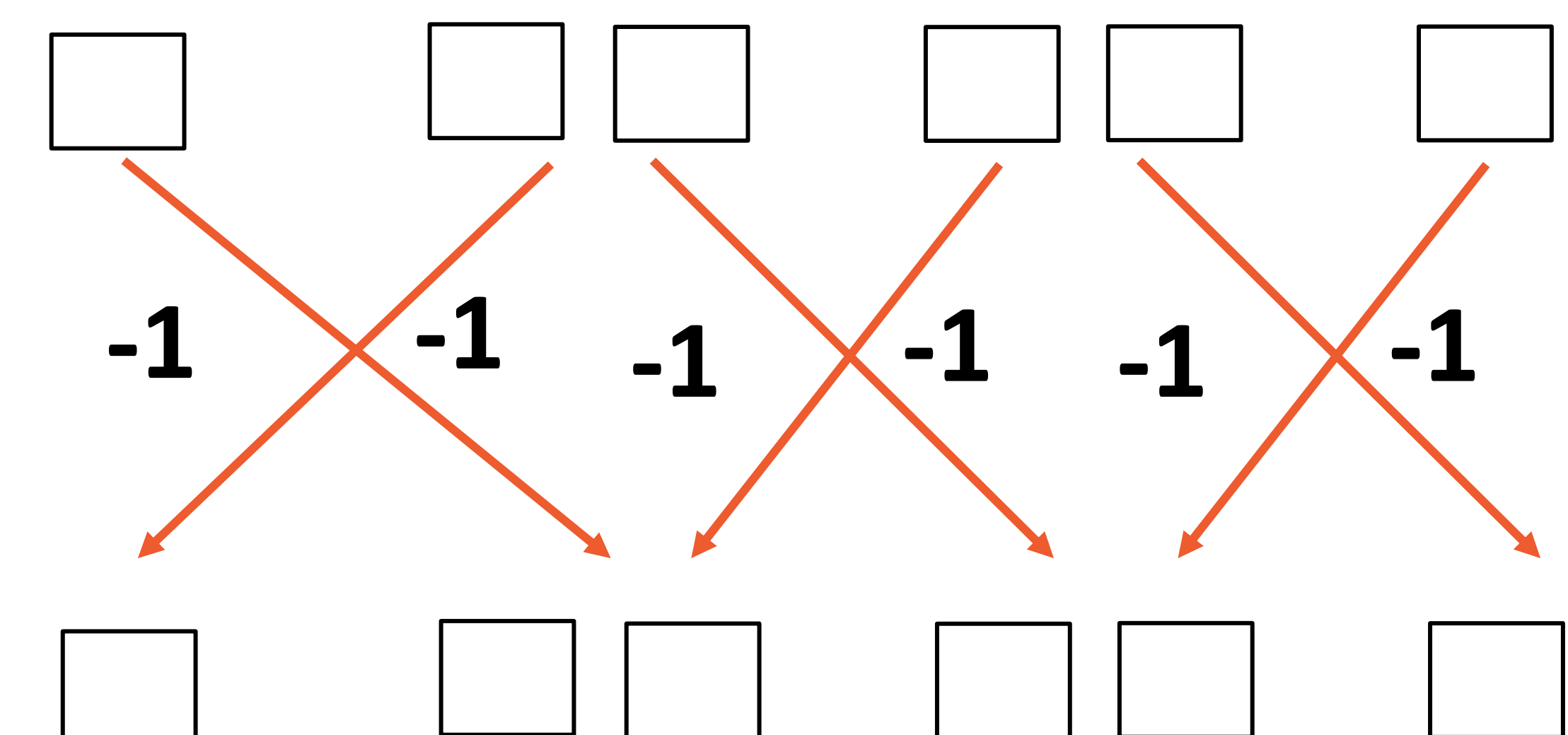
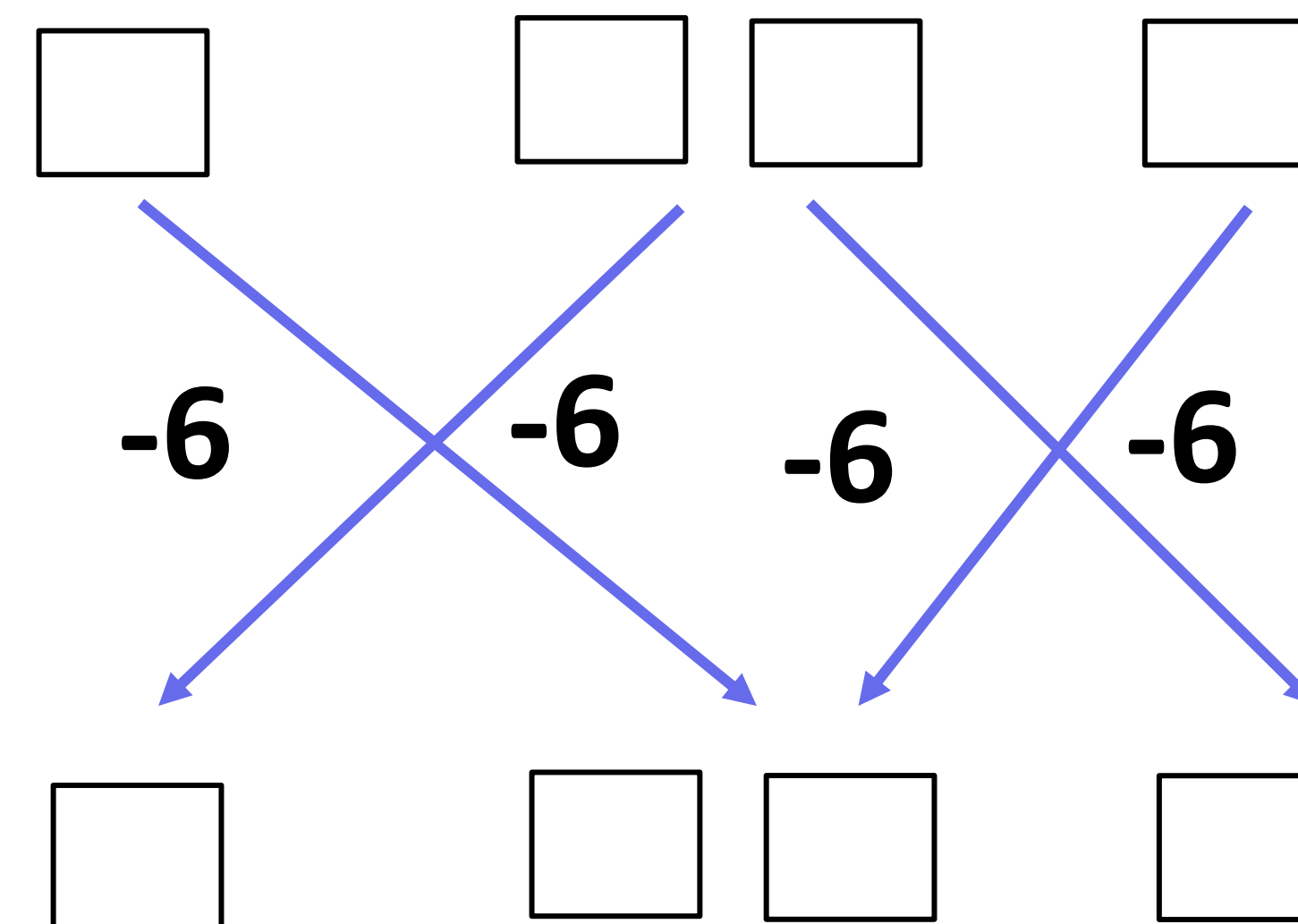
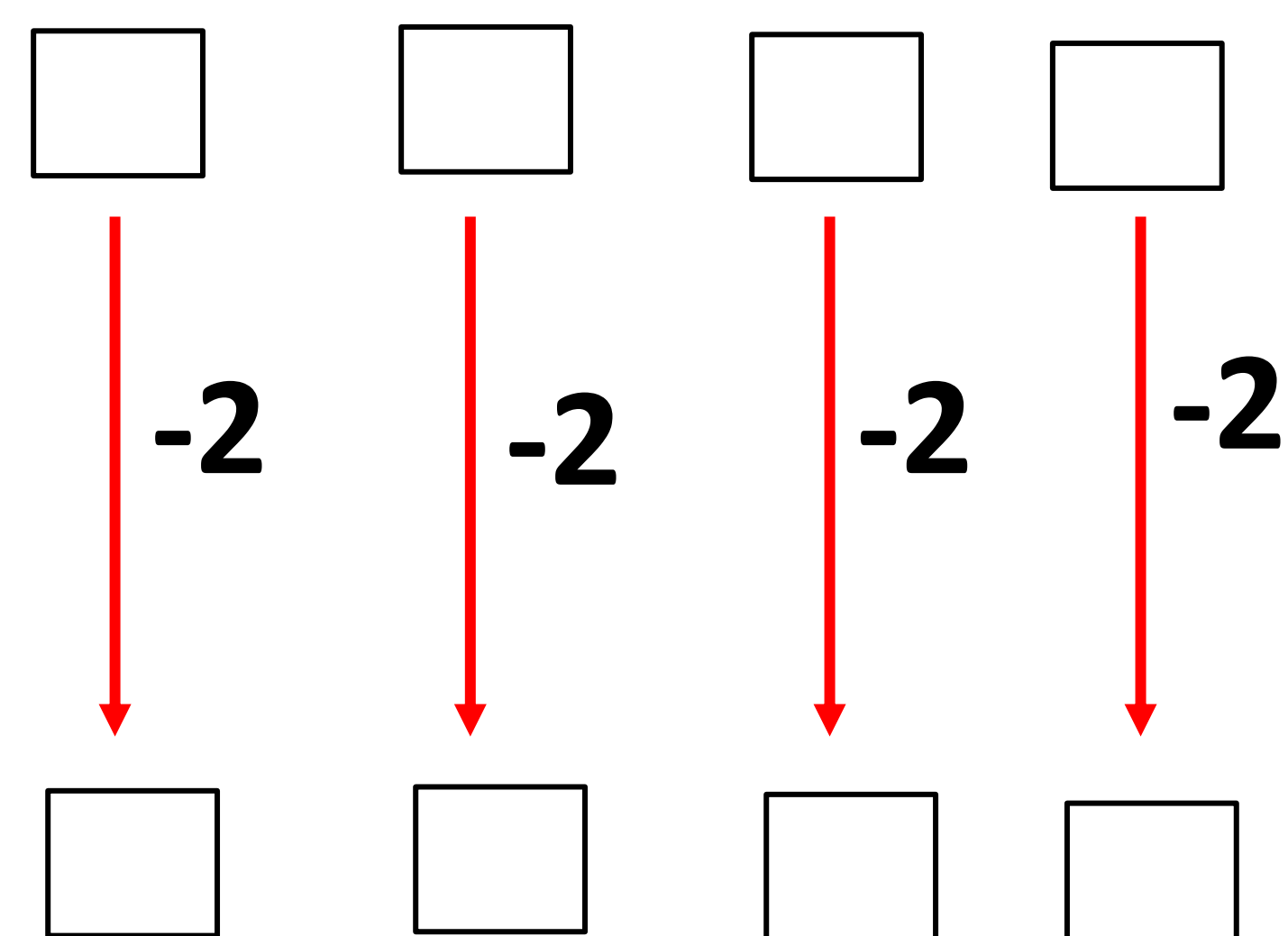
Logics of coding - decoding



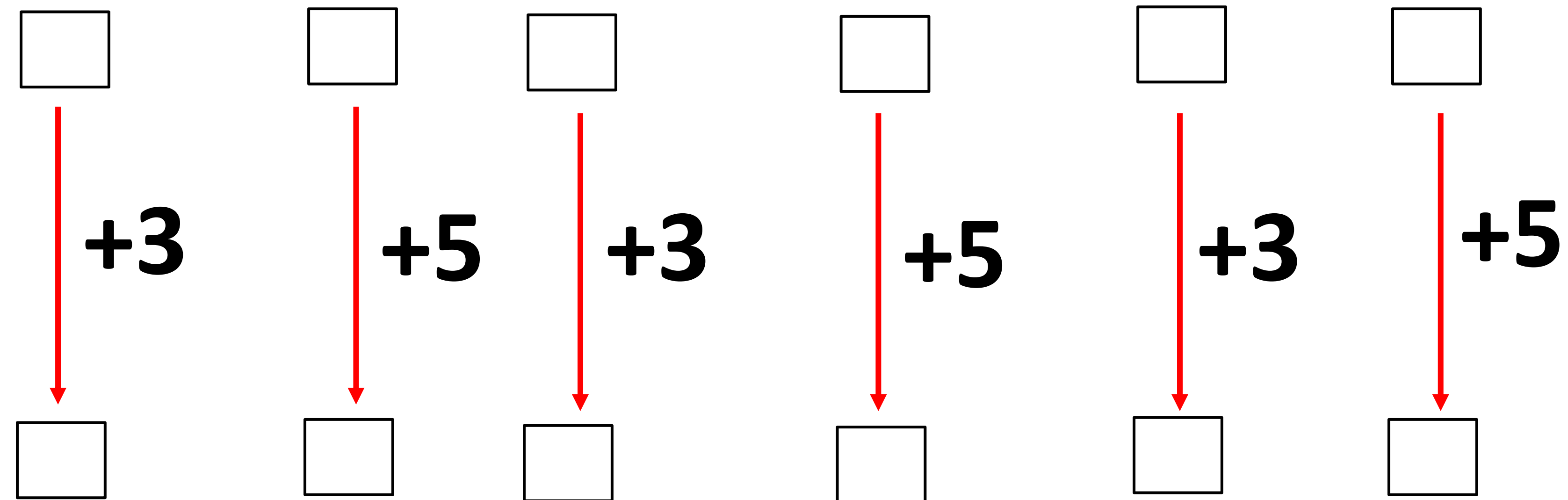
Fixed Addition



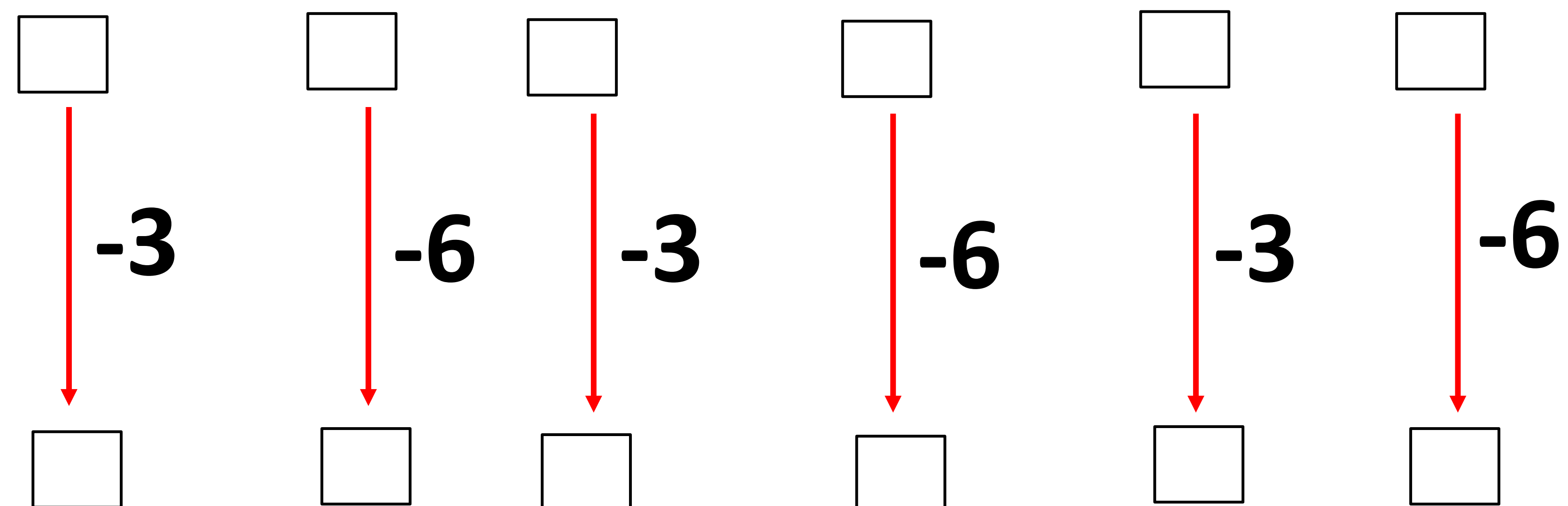
Fixed Subtraction

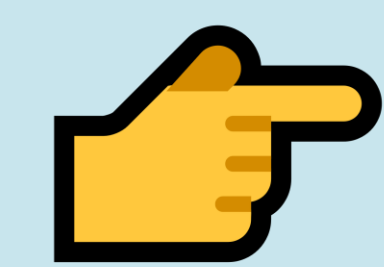


Alternate Addition

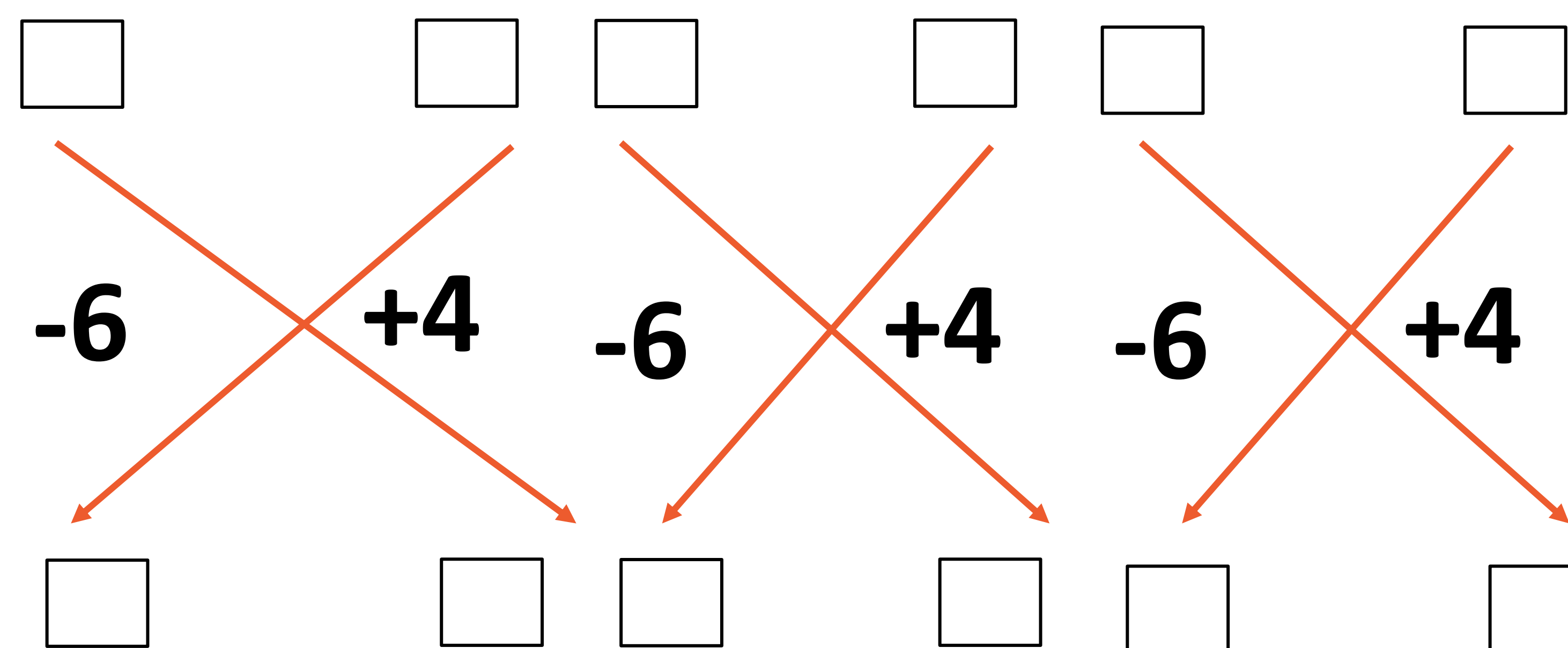
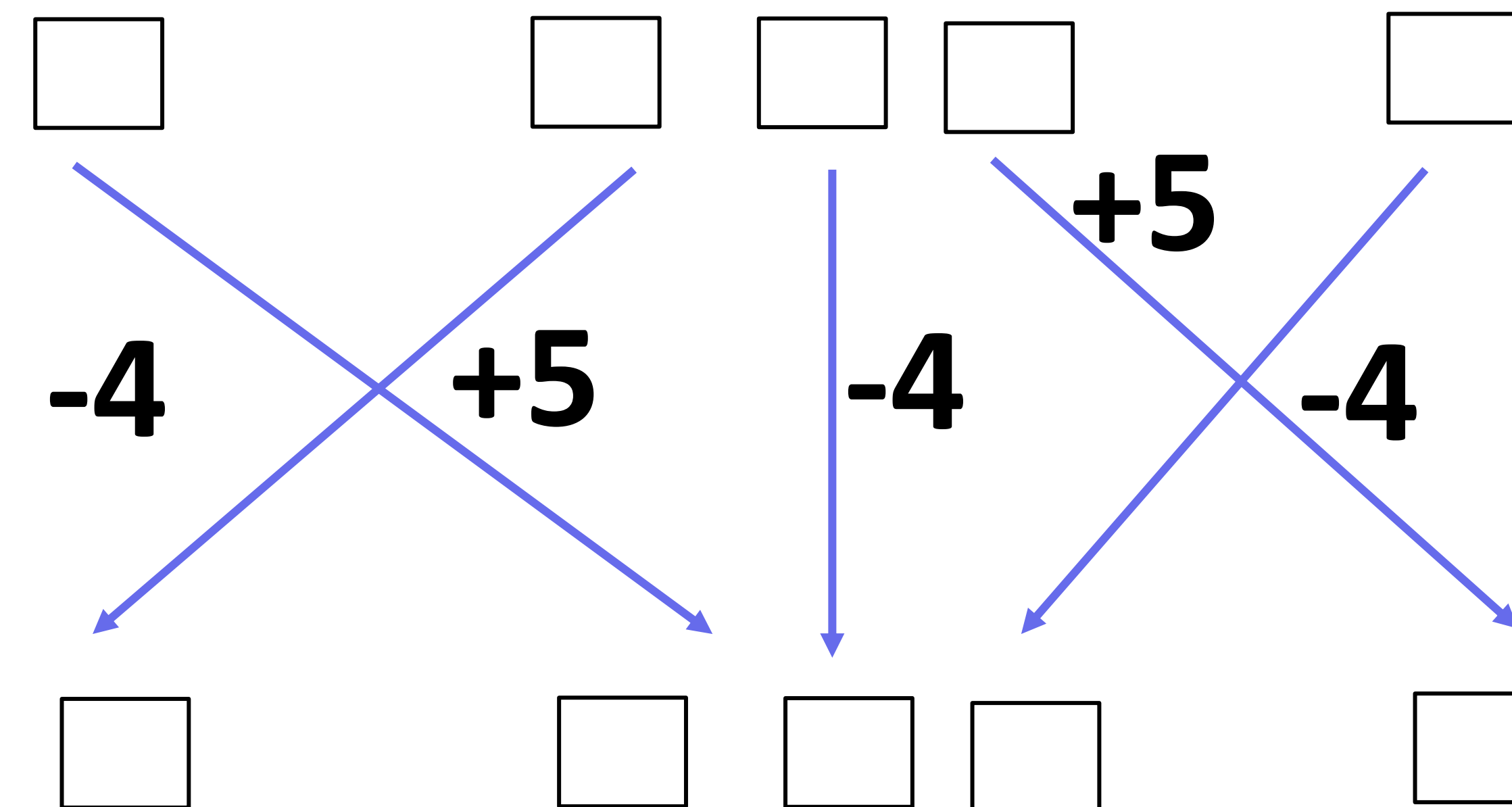
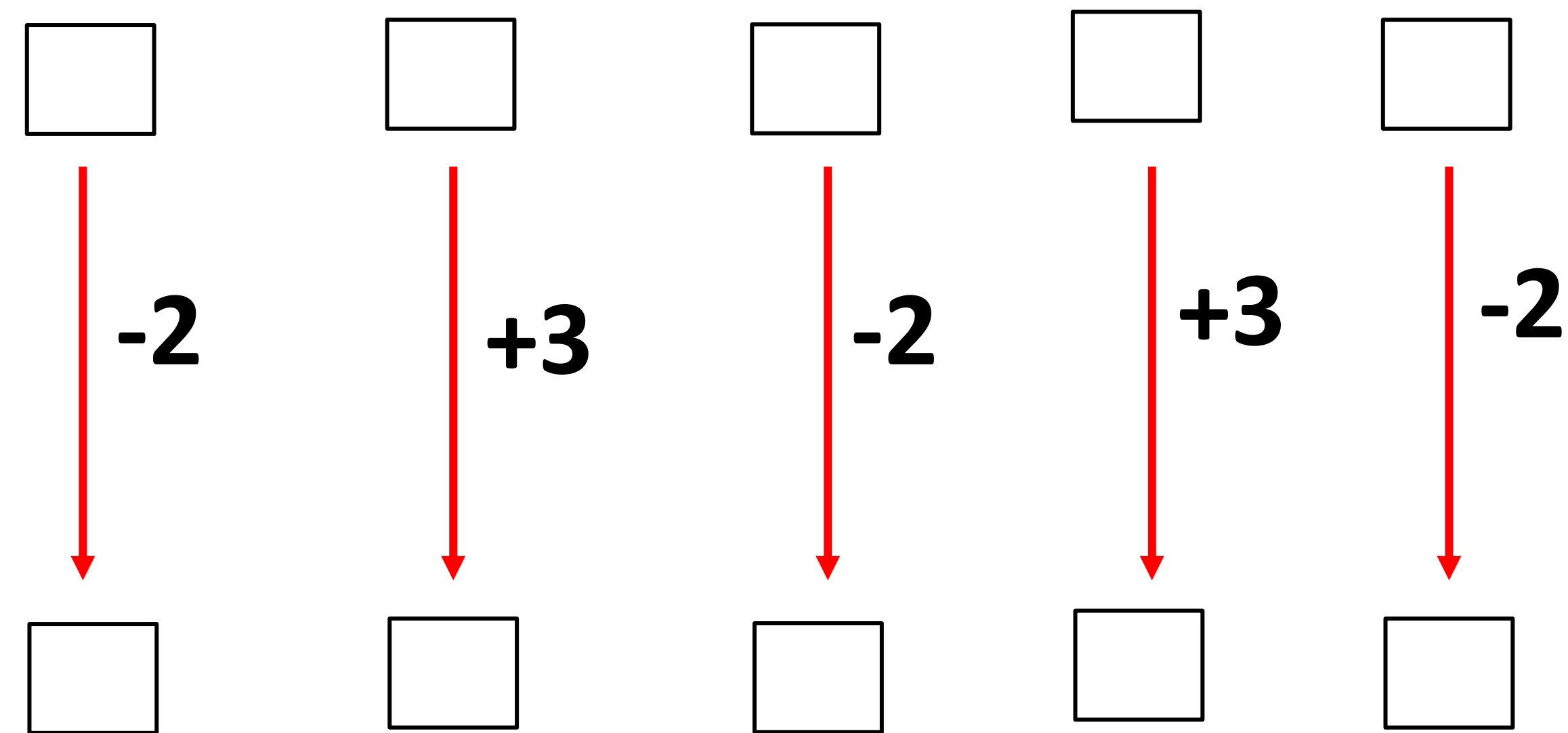


👉 Alternate Subtraction

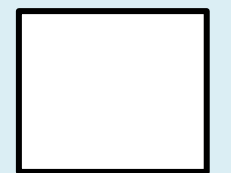




Alternate Addition/ Subtraction

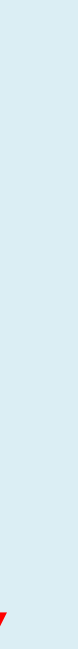


Opposite Logic

  Opp.

  Opp.

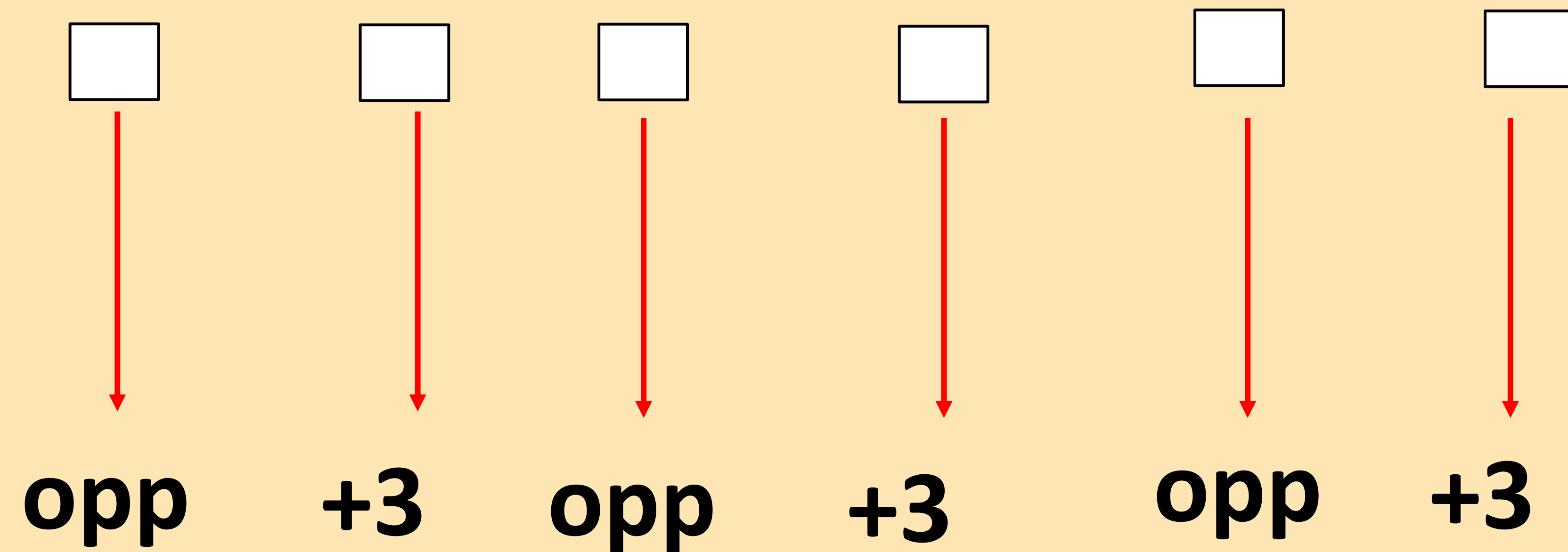
  Opp.

  Opp.

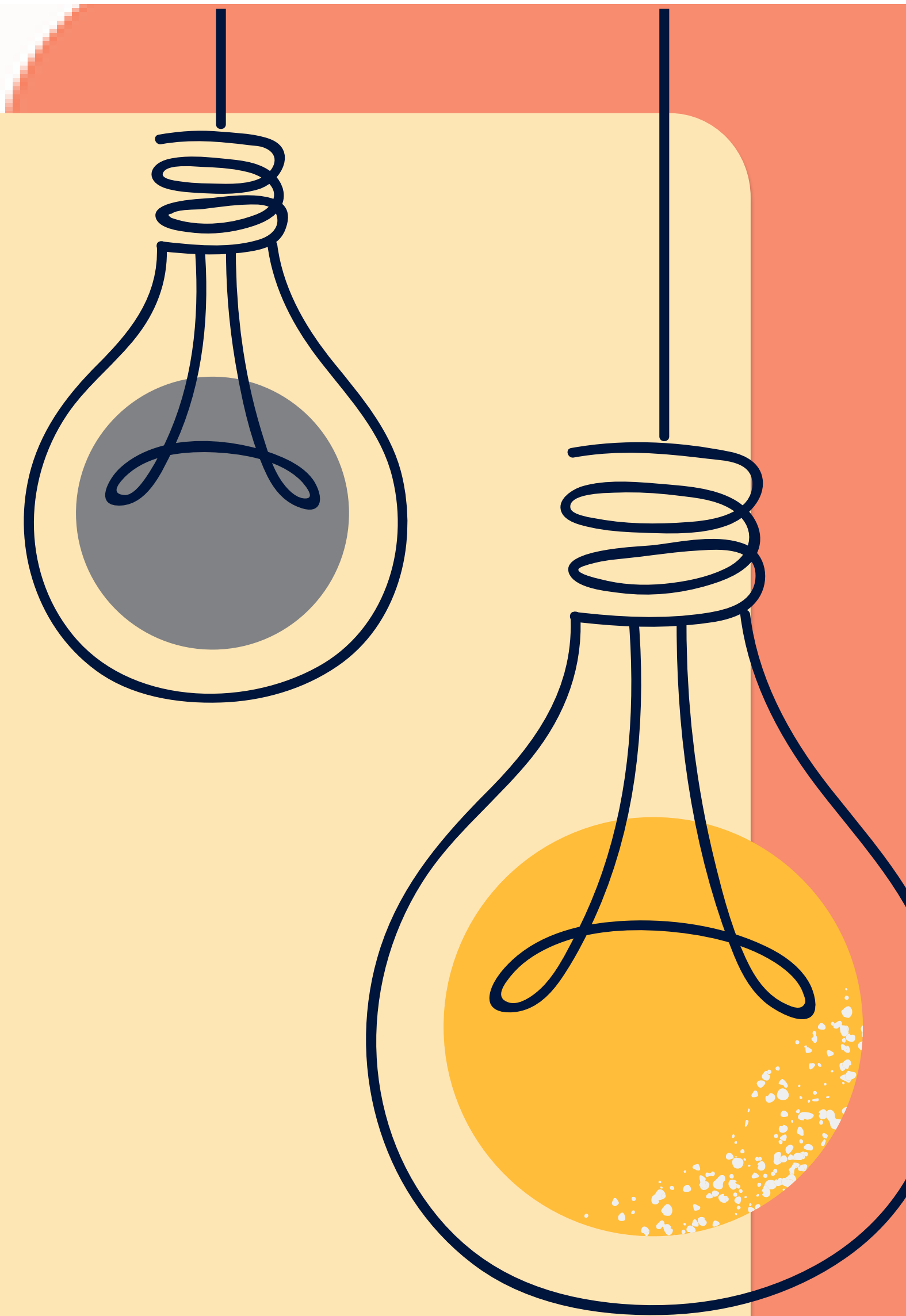
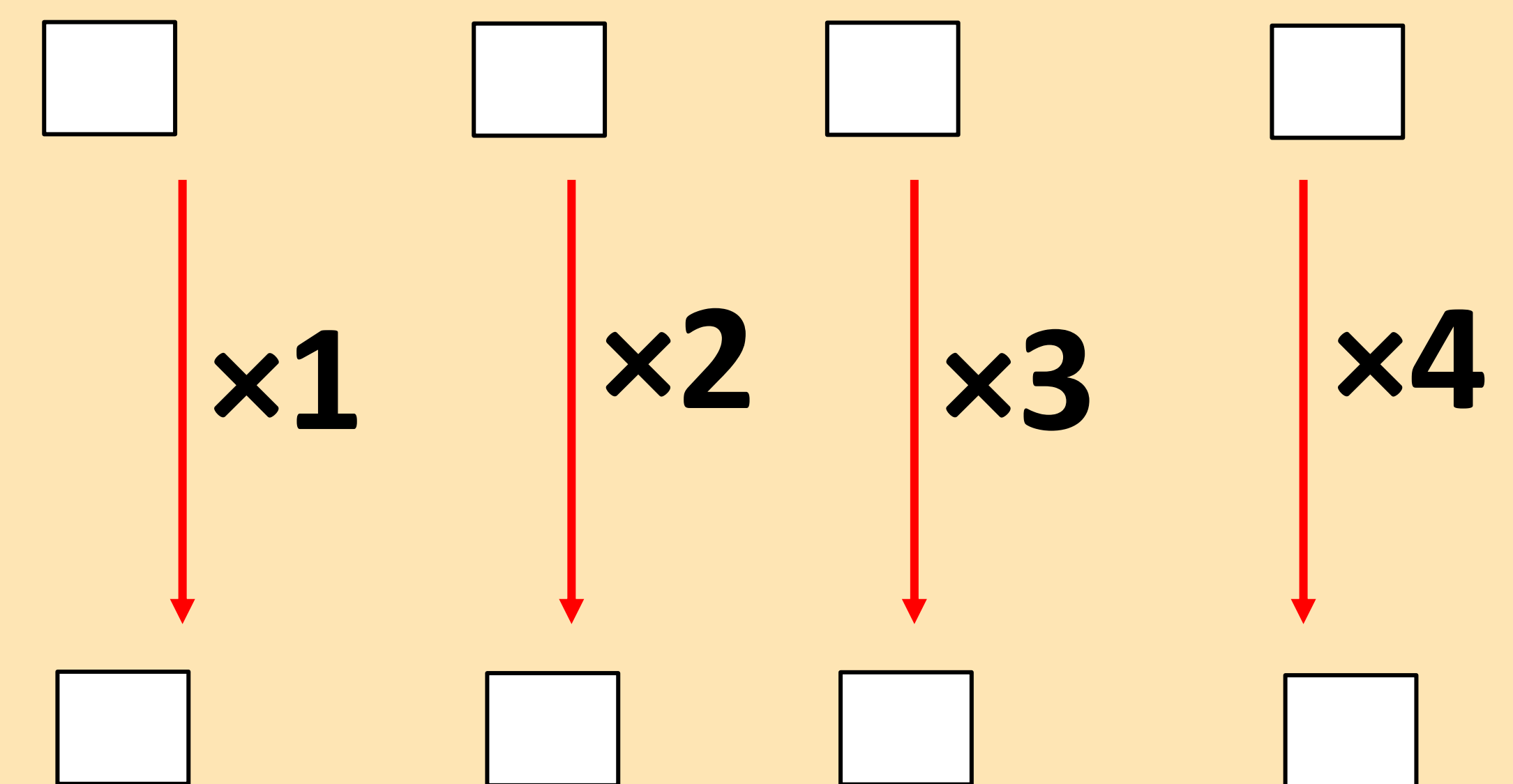
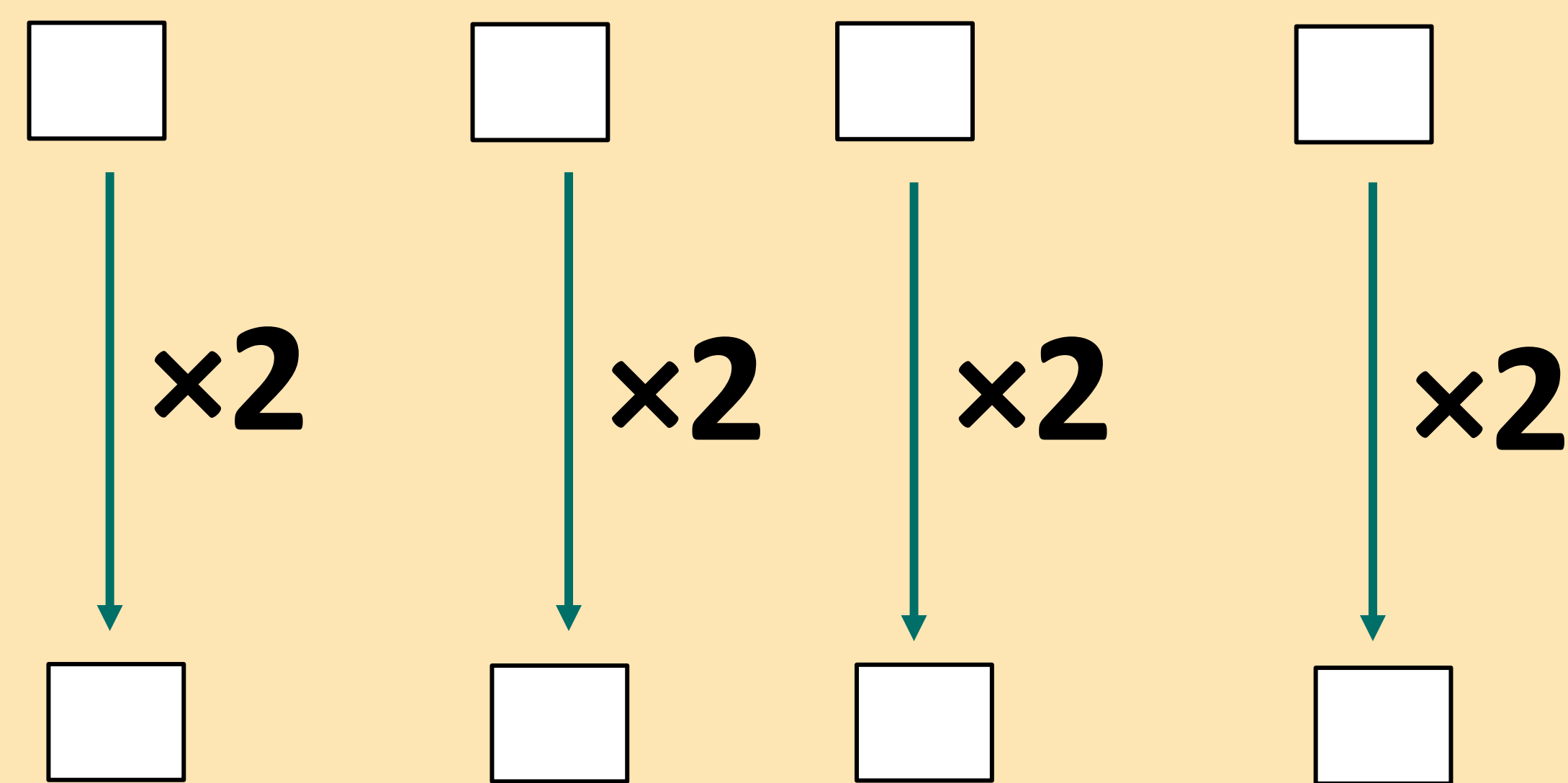
Alphabet	Opposite
A	Z
B	Y
C	X
D	W
E	V
F	U
G	T
H	S
I	R
J	Q
K	P
L	O
M	N



Mix with Opposite

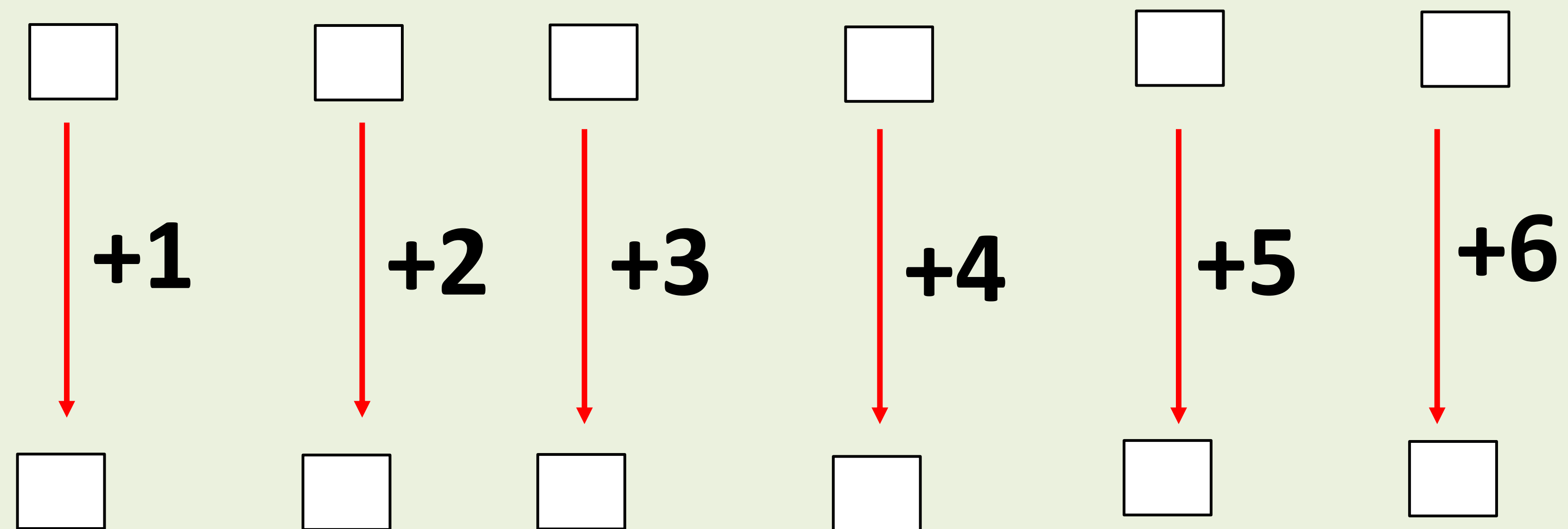


Multiplication Logic





Series Addition



Series Subtraction

