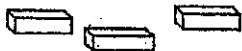
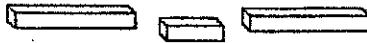


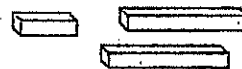
Like Terms



The value of these blocks is written $x + x + x$, or $3x$.



The value of these blocks is written $y + x + y$ or $x + 2y$.



When writing an algebraic quantity, grouping the blocks that have the same size and shape is called *combining like terms*.

Put out blocks to match each collection. Combine like terms, then write the quantity the short way.

1.



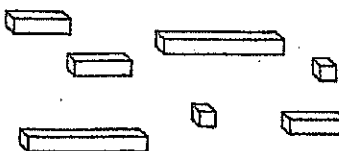
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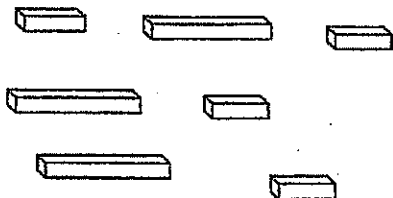
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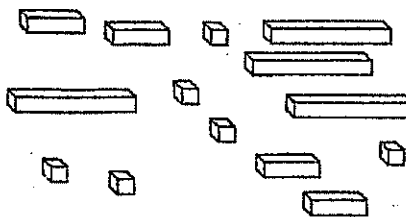
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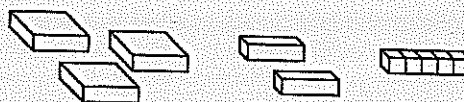
5.



6.



Like Terms

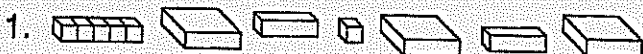


The value of these blocks is written

$$x^2 + 5 + x + x^2 + x + x^2 \text{ or}$$

$$3x^2 + 2x + 5.$$

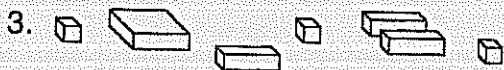
Put out blocks to match each collection. Combine like terms, then write the quantity the short way.



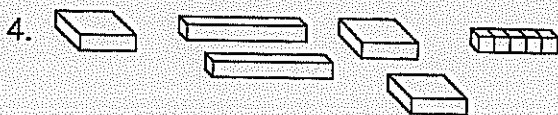
long expression



long expression



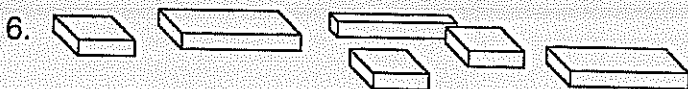
long expression



long expression



long expression



long expression