

Math Manipulative:

ALGEBRA TILES

Math manipulatives are concrete objects or pictures of concrete objects for a student to move and touch in order to visualize abstract concepts. Math manipulatives should be chosen based on the student's needs and used consistently in instruction and assessment. Start with providing algebra tiles with numbers and variables during instruction. Guide the student with prompts (verbal, written, visual) while they practice using the algebra tiles. As the student becomes more proficient, use increasingly complex problems for them to solve. When the student has mastered more challenging problems, slowly remove the numbers and variables. Continue this process until the student can routinely, independently, and effectively solve problems using the blank algebra tiles. At this stage, the student is ready to use the blank algebra tiles as an allowable math manipulative on the state assessment.

ALGEBRA TILES

1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	x		x		
1	1	x		x		
x	x	x ²		x ²		
x	x	x ²		x ²		

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TEACH



TEST

ALGEBRA TILES

1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	x		x		
1	1	x		x		
x	x	x²		x²		
x	x	x²		x²		
