

REFERENCE PAGE OF REASONING STRATEGIES AND AUTOMATICITIES

SEVEN SIGNIFICANT REASONING STRATEGIES	RELEVANT OPERATIONS
1. Count On/Count Back	Addition and subtraction
2. Make Tens	Addition
3. Use Partial	Addition, subtraction, multiplication, and division
4. Break Apart to Multiply	Multiplication
5. Halve and Double	Multiplication
6. Compensation	Addition, subtraction, and multiplication
7. Use an Inverse Relationship	Subtraction and division
AUTOMATICITIES	RELEVANT OPERATIONS
Basic facts	Addition, subtraction, multiplication, and division
Breaking apart all numbers through 10	Addition and subtraction
Base-10 combinations	Addition and subtraction
Using 25s	Multiplication and division
Using 15s and 30s	Multiplication and division
Doubling	Multiplication
Halving	Division
Fraction equivalents within fraction families	Addition, subtraction, multiplication, and division
Conversions between common decimals and fractions	Addition, subtraction, multiplication, and division