

Math Skills Reference Guide for Games (Standards for Grades K—4)

Math-related Board and Card Games	Problem Solving	Communication	Reasoning	Connections	Estimation	Number sense/	Concepts of whole number operations	Whole number computation	Geometry/Spatial sense	Measurement	Probability/statistics	Fractions/decimals	Patterns/relationships	Algebra
Aggravation	X	X	X	X							X		X	X
Battleship	X	X	X	X					X	X	X		X	X
Checkers	X	X	X								X		X	
Chess	X	X	X								X		X	
Chinese Checkers	X	X	X										X	
Clue	X	X	X	X							X			
Concentration	X	X	X						X				X	
Connect 4	X	X	X						X				X	
Deck of Playing Card	X	X	X	X	X	X	X	X	X		X	X	X	X
Dominoes	X	X	X			X	X	X					X	
Dreidel	X	X	X	X	X			X			X			
Life	X	X	X	X	X	X		X			X		X	
Master Mind	X	X	X										X	
Match 4	X	X	X						X		X		X	
Monopoly	X	X	X	X	X		X	X			X			
Othello	X	X	X										X	
Parcheesi	X	X	X			X		X						X
Pente	X	X	X						X					X
Perfection	X		X						X				X	
Risk	X	X	X	X						X			X	
Rummikub	X	X	X			X					X		X	
Simon	X	X	X										X	
Skipbo	X	X	X					X			X		X	
Sorry	X	X	X					X						X
Stratego	X	X	X	X							X		X	
Tangrams	X	X	X	X	X	X			X	X		X	X	
Tic-Tac-Toe	X	X	X										X	
Triominoes	X	X	X										X	
Uno	X	X	X										X	
Yahtzee	X	X	X	X	X	X		X			X		X	X