

2009-2010 Sally Ride Basic Facts Pyramid

<u>Grade Level</u>	<u>Type of Problem</u>	<u>Number of Drill</u>	<u>Number of Problems</u>	<u>%Correct</u>	<u>No. of Times at % Correct to Move to Next Level</u>	<u>Time</u>
Kindergarten	Addition-doubles-horizontal (0 to 5)	K.1	5	100%	2 times	untimed
	Addition-doubles-vertical (0 to 5)	K.2	5			
	Addition 1 tables (0 to 5)	K.3	6			
	Addition 2 tables (0 to 5)	K.4	6			
	Addition 3 tables (0 to 5)	K.5	6			
	Addition 4 tables (0 to 5)	K.6	6			
	Addition 5 tables (0 to 5)	K.7	6			
	Addition 6 tables (0 to 5)	K.8	6			
	Addition 7 tables (0 to 5)	K.9	6			
	Addition 8 tables (0 to 5)	K.10	6			
	Addition 9 tables (0 to 5)	K.11	6			
	Addition-doubles 5-9	K.12	6			
Grade 1	Addition 1 tables	1.1	10	100%	1 time	1 minute
	Addition 2 tables	1.2	10			
	Addition 3 tables	1.3	10			
	Addition 4 tables	1.4	10			
	Addition 5 tables	1.5	10			
	Addition 6 tables	1.6	10			
	Addition 7 tables	1.7	10			
	Addition 8 tables	1.8	10			
	Addition 9 tables	1.9	10			
	Subtraction 1 tables	1.10	10			
	Subtraction 2 tables	1.11	10			
	Subtraction 3 tables	1.12	10			
	Subtraction 4 tables	1.13	10			
	Subtraction 5 tables	1.14	10			
	Subtraction 6 tables	1.15	10			
	Subtraction 7 tables	1.16	10			
	Subtraction 8 tables	1.17	10			
	Subtraction 9 tables	1.18	10			
Grade 2	Addition Sums to 10	2.1	30	93% (28 problems)	2 times	3 minutes
	Subtraction Minuends 1 to 10	2.2	30			
	Addition Sums to 18	2.3	30			
	Subtraction Minuends 11 to 19	2.4	30			
	Mixed add/sub 1-9	2.5	30			
Grade 3	Multiplication 0-1 tables	3.1	30	93% (28 problems)	1 time	3 minutes
	Multiplication 2 tables	3.2	30			
	Multiplication 3 tables	3.3	30			
	Multiplication 4 tables	3.4	30			
	Multiplication 5 tables	3.5	30			
	Multiplication 6 tables	3.6	30			
	Multiplication 7 tables	3.7	30			
	Multiplication 8 tables	3.8	30			
	Multiplication 9 tables	3.9	30			
	Division 1 & 2 tables	3.10	30			
	Division 3 tables	3.11	30			
	Division 4 tables	3.12	30			
	Division 5 tables	3.13	30			
	Division 6 tables	3.14	30			
	Division 7 tables	3.15	30			
	Division 8 tables	3.16	30			
	Division 9 tables	3.17	30			

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Grade 4	Multiplication 0-4 tables	4.1	50	94% (47 problems)	2 times	3 minutes
	Multiplication 5-7 tables	4.2	50			
	Multiplication 8-10 tables	4.3	50			
	Multiplication 1-10 tables	4.4	50			
	Division 0-4 tables	4.5	50			
	Division 5-7 tables	4.6	50			
	Division 8-10 tables	4.7	50			
	Division 1-10 tables	4.8	50			
Grade 5	Mixed multiplication/division facts	5.1	50	94% (47 problems)	2 times	3 minutes
	Mixed addition/subtraction/ multiplication/division facts	5.2	50			
	Addition problems (2,3,4, digit)	5.3	15	94% (14 problems)		
	Subtraction problems(2,3,4, digit)	5.4	15			
	Multiplication problems (2,3,4, digit)	5.5	7	86% (6 problems)		
	Division problems (2,3,4, digit)	5.6	7			
	Solving for unknown addition/subtraction/multiplication/division	5.7	7			
	Decimals - addition	5.8	10	90% (9 problems)		
	Decimals - subtraction	5.9	5	100%		
	Decimals - multiplication	5.10	5			
	Decimals - division	5.11	10	90% (9 problems)		
	Reducing fractions	5.12	30	93% (28 problems)		
	Change decimal & % to fraction	5.13	30			
	Common fractions - addition of like denominators	5.14	10	90% (9 problems)		
	Common fractions - subtraction of like denominators	5.15	10			
	Common fractions - multiplication	5.16	10			
	Common fractions - division	5.17	10			
	Common fractions - addition of unlike denominators	5.18	10			
	Common fractions - subtraction of unlike denominators	5.19	10			
	Exponents	5.20	10	93% (28 problems)		
Change fraction or percent to decimal	5.21	30				

Revised: 1/6/08