






Student Profile

Name:		
Emergent	to	One to One Counting
		Date achieved
I am learning to ...		I can ...
Knowledge		
Read	The numerals 1 to 10 1 2 3 4 5 6 7 8 9 10	
Say	The numbers 1 to 10 forwards: 1 2 3 4 5 6 7 8 9 10	
Say	The numbers 10 to 1 backwards: 10 9 8 7 6 5 4 3 2 1	
Strategy		
Count	The number of objects in a set up to 10 1 2 3 4 5 6 7 * * * * * * *	

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Student Profile

Name:		
One to One Counting	to Counting from One on Materials	Date achieved
I am learning to ...		I can ...
Knowledge		
Read	The numerals 1 to 20 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	
Say	The next number after from 1 to 10 <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> \curvearrowright 3 <u>4</u> </div> <div style="text-align: center;"> \curvearrowright 7 <u>8</u> </div> </div>	
Say	The number before from 1 to 10 <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> \curvearrowleft <u>4</u> 5 </div> <div style="text-align: center;"> \curvearrowleft <u>9</u> 10 </div> </div>	
Know	Patterns for numbers 1 to 5 <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">   </div>	
Strategy		
Join	Groups of objects together and find the total up to 10 <div style="display: flex; justify-content: center; align-items: center; gap: 10px;">  and  </div>	
Split	Groups of objects and find how many are left over <div style="display: flex; justify-content: center; align-items: center; gap: 10px;">  </div>	

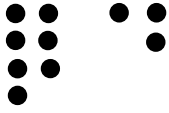
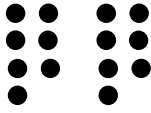
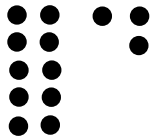
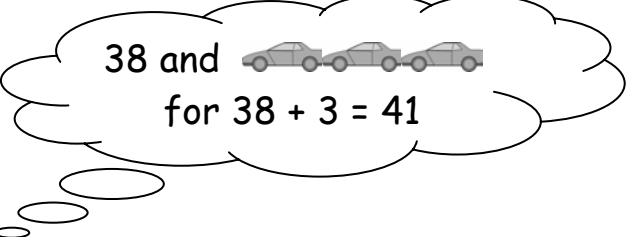
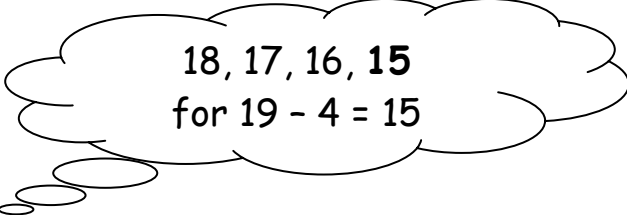
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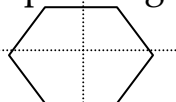
Name:		
Counting from One On Materials	to	Counting from One By Imaging
Date achieved		
I am learning to ...		I can ...
Knowledge		
Skip Count	In 2's up to 20 2, 4, 6, 8, 10, 12, 14, 16, 18, 20	
Say	The next number after from 1 to 20 <div style="display: flex; justify-content: space-around; align-items: center;"> 12 <u>13</u> ↷ 18 <u>19</u> ↷ </div>	
Say	The number before from 1 to 20 <div style="display: flex; justify-content: space-around; align-items: center;"> <u>11</u> 12 ↶ <u>9</u> 10 ↶ </div>	
Know	Patterns for numbers 1 to 10 	
Know	+ and - groupings to 5 $3 + 2 = 5$ $5 - 2 = 3$ 	
Strategy		
Solve	Addition problems, up to 10, by counting all the objects in my head. <div style="text-align: center;"> </div>	
Solve	Subtraction problems, up to 10, by counting all the objects in my head. <div style="text-align: center;"> </div>	

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Student Profile

Name:			E
Counting from One By Imaging	to	Advanced Counting	Date achieved
I am learning to ...			I can ...
Knowledge			EA
Read, Write, and Count	Whole numbers up to 100, forwards and backwards in 1's, 2's, 5's, and 10's.		AA
Recall	How many tens in a two-digit number, e.g. 87 has 8 tens.		AM
Know	Groupings that make up numbers to 10, <div style="text-align: center; margin-top: 10px;">  </div> e.g. $3 + 7 = 10$.		AP
Know	Doubles up to 20 and the matching halves, <div style="text-align: center; margin-top: 10px;">  </div> e.g. $7 + 7 = 14$, $\frac{1}{2}$ of 14 is 7		
Know	Groupings with 10, <div style="text-align: center; margin-top: 10px;">  </div> e.g. $10 + 3 = 13$		
Strategy			
Solve	Addition problems, up to 100, by counting on in my head. <div style="text-align: center; margin-top: 20px;">  </div>		
Solve	Subtraction problems, up to 100, by counting back in my head. <div style="text-align: center; margin-top: 20px;">  </div>		

Student Profile

Name:		
Advanced Counting	to	Early Additive
		Date achieved
I am learning to ...		I can ...
Knowledge		
Read and Count	Whole numbers up to 1000, in ones, tens and hundreds, e.g. 370, 380, 390, 400, 410...	
Recall	How many tens in a three-digit number, e.g. 456 has 45 tens.	
Know	All the addition facts to 20, e.g. $8 + 7 = 15$.	
Know	All the $2 \times$, $10 \times$, $5 \times$ multiplication facts and the matching division facts, e.g. $35 \div 5 = 7$.	
Strategy		
Solve + and - problems by:	Using doubles, e.g. $8 + 7 = 15$ because $7 + 7 = 14$, $16 - 8 = 8$ because $8 + 8 = 16$.	
	Making tens, e.g. $28 + 6 = 30 + 4$.	
	Joining and separating tens and ones, e.g. $34 + 25 = (30 + 20) + (4 + 5) = 59$.	
Solve \times and \div problems by:	Using repeated addition, e.g. 4×6 as $6 + 6 = 12$, $12 + 12 = 24$.	
	Turning multiplications around, e.g. $10 \times 3 = 3 \times 10$.	
Find a unit fraction of:	A set using halving, e.g. $\frac{1}{4}$ of 20 as $\frac{1}{2}$ of 20 = 10, $\frac{1}{2}$ of 10 = 5.	
	A shape using fold symmetry, e.g. 	

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Student Profile

Name:		
Early Additive	to	Advanced Additive
		Date achieved
I am learning to ...		I can ...
Knowledge		
Read and Order	Whole numbers up to 1 000 000, e.g. 36 075 < 90 002 < 201 489.	
Know	How many 10's and 100's are in whole numbers up to 10 000, e.g. 734 tens are in 7 340.	
Read and order	Fractions with the same numerator or denominator, e.g. $\frac{1}{8} < \frac{1}{5}$ and $\frac{3}{10} < \frac{5}{10}$.	
Recall	All the basic addition and subtraction facts up to 20, e.g. $13 - 5 = 8$ and $8 + 6 = 14$.	
Recall	All the basic multiplication facts up to $10 \times 10 = 100$, e.g. $6 \times 9 = 54$	
Strategy		
Solve + and - problems by:	Using standard place value (100's, 10's, 1's), e.g. $724 - 206 = \square$ as $724 - 200 = 524$, $524 - 6 = 518$.	
	Compensating from tidy numbers, e.g. $834 - 479 = \square$ as $834 - 500 + 21 = 355$.	
	Reversing the operation, e.g. $834 - 479 = \square$ as $479 + \square = 834$.	
Solve \times and \div problems by:	Splitting one factor into parts, e.g. $8 \times 13 = (8 \times 10) + (8 \times 3)$.	
	Doubling and halving, e.g. $24 \times 5 = 12 \times 10 = 120$.	
	Reversing the operation for division, e.g. $63 \div 7 = \square$ using $9 \times 7 = 63$.	
Find a unit fraction of:	A set using multiplication, e.g. $\frac{1}{5}$ of 35 using $5 \times 7 = 35$.	

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Student Profile

Name:		
Advanced Additive	to	Advanced Multiplicative
		Date achieved
I am learning to ...		I can ...
Knowledge		
Read and Order	Decimals to three places, e.g. $6.25 < 6.3 < 6.402$	
Know	Equivalent fractions including halves, thirds, quarters, fifths, tenths, hundredths, e.g. $\frac{3}{5} = \frac{6}{10}$ and $\frac{3}{4} = 75\% = 0.75$	
Know	How many $\frac{1}{10}$'s, 10's, 100's and 1000's are in whole numbers up to 1000 000, e.g. there are 3879 tenths in 387.9	
Recall	All the basic multiplication and division facts up to $10 \times 10 = 100$, and $100 \div 10 = 10$, e.g. $6 \times 9 = 54$, $72 \div 8 = 9$	
Strategy		
Solve + and - problems with fractions, decimals, and integers by:	Splitting fractions and using equivalent fractions, e.g. $\frac{3}{4} + \frac{5}{8} = \square$ as $(\frac{3}{4} + \frac{2}{8}) + \frac{3}{8} = (\frac{3}{4} + \frac{1}{4}) + \frac{3}{8} = 1\frac{3}{8}$.	
	Using standard place value, reversing, and tidy numbers with decimals, e.g. $2.4 - 1.78 = \square$ as $1.78 + \square = 2.4$ or $2.4 - 1.8 + 0.02 = 0.62$.	
	Recognising equivalent operations with integers, e.g. $+5 - 3 = \square$ has the same answer as $+5 + +3 = +8$.	
Solve \times and \div problems with whole numbers by:	Using standard place value (100's, 10's, 1's), e.g. $7 \times 56 = \square$ as $7 \times 50 = 350$, $7 \times 6 = 42$, and $350 + 42 = 392$, or $168 \div 7 = \square$ as $140 \div 7 = 20$, $28 \div 7 = 4$, $20 + 8 = 28$.	
	Compensating from tidy numbers, e.g. $252 \div 9 = \square$ as $270 \div 9 = 30$ so $252 \div 9 = 28$.	
	Splitting factors, e.g. $544 \div 16 = \square$ as $544 \div 2 \div 2 \div 2 \div 2 = 34$.	
Solve problems with fractions by:	Finding equivalent ratios, e.g. 2:3 is equivalent to 8:12 in the same way as $\frac{2}{5} = \frac{8}{20}$.	
	Expressing division answers and remainders as mixed numbers and fractions, e.g. $24 \div 5 = \frac{24}{5} = 4\frac{4}{5}$.	

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Student Profile

Name:		
Advanced Multiplicative	to	Advanced Proportional
		Date achieved
I am learning to ...		I can ...
Knowledge		
Find	Least common factors and highest common multiples, e.g. 6 is the HCF of 24 and 42.	
Know	Fraction to decimal to percentage conversions for $\frac{1}{2}$'s, $\frac{1}{4}$'s, $\frac{1}{5}$'s, $\frac{1}{8}$'s, $\frac{1}{10}$'s, $\frac{1}{3}$'s, e.g. $\frac{3}{5} = 0.6 = 60\%$	
Know	How many tenths, hundredths, thousandths are in decimals, e.g. 2.37 is 2370 thousandths.	
Read and order	Fractions with different denominators, e.g. $\frac{2}{5} < \frac{7}{16} < \frac{1}{2}$.	
Strategy		
Solve problems that involve combining different proportions	Using weighting or averaging, e.g. 25% of 36 combined with 75% of 24 gives 27 out of 60 (45% of 60).	
Solve \times and \div problems with fractions and decimals by:	Using standard place value, reversing, and compensating from tidy numbers, e.g. $0.7 \times 3.9 = \square$ as $0.7 \times 3 = 2.1$, $0.7 \times 0.9 = 0.63$, and $2.1 + 0.63 = 2.73$.	
	Converting from fractions to decimals to percentages, e.g. 80% of 53 = \square as $8 \times \frac{1}{10} \times 53 = 8 \times 5.3 = 42.4$.	
	Creating common denominators, e.g. $\frac{3}{5} \times \frac{3}{4} = \frac{9}{20}$ or $\frac{2}{3} \div \frac{1}{4} = \square$ as $\frac{8}{12} \div \frac{3}{12} = \frac{8}{3} = 2\frac{2}{3}$.	
Solve problems with fractions, ratios and proportions by:	Using common factors to multiply between and within ratios, e.g. 8:12 as \square :21 as 8:12 = 2:3 (common factor of 4) so 2:3 = 14:21 (multiplying by 7).	
	Partitioning fractions and percentages, e.g. 85% of 36 = \square as 10% of 36 = 3.6, 5% of 36 = 1.8, so $36 - 3.6 - 1.8 = 30.6$.	

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