Additional	Story of 20	Story of 20	¹ / ₂ S ¹ / ₄ S and ¹ / ₁₀ S	Two-Digit Doubles	Two-Digit Halves
Calculations	0 00 00	40 40 00	(orange flashcards)	(pink flashcards)	(pink flashcards)
Needed for Maths	0 + 20 = 20 1 + 10 = 20	10 + 10 = 20	Bronze: Child can recite	Bronze: N/A	Bronze: N/A
Mountain	1 + 19 = 20 2 + 18 - 20	11 + 9 = 20 12 + 8 - 20	each fraction in order and		
Challenge	3 + 17 = 20	12 + 3 = 20 13 + 7 = 20	including 2/2, 4/4, and	Sliver: Child gets 10	Sliver: Child gets 10
Chancinge	4 + 16 = 20	13 + 7 = 20 14 + 6 = 20	10/10 = 100%.	nashcaros correct.	nashcards correct.
	5 + 15 = 20	15 + 5 = 20	Sliver: As above but	Gold: Without flashcards	Gold: Without flashcards
Note: For SILVER	6 + 14 = 20	16 + 4 = 20	decimal equivalents.	child can answer, e.g.,	child can answer, e.g.,
and GOLD awards	7 + 13 = 20	17 + 3 = 20		• $63 + 63$	• 50% of 106
children should	8 + 12 = 20	18 + 2 = 20	Gold : Given 10 random	• 2 lots of 78	• 0.3 x 198 • ½ of 164
answer 10	9 + 11 = 20	19 + 1 = 20	percentages, child can	• double 57	• ½ x 158
questions.	10 + 10 = 20	20 + 0 = 20	give both of the other		
		\sim \sim \sim	equivalents.		
	$\left(\begin{array}{c}B\\\end{array}\right)\left(\begin{array}{c}S\\\end{array}\right)\left(\begin{array}{c}G\\\end{array}\right)$	$\left(B \right) \left(S \right) \left(G \right)$	$\left(B \right) \left(S \right) \left(G \right)$	(s)(g)	$\left(s \right) \left(g \right)$
Story of 100 in 10s	+ and – numbers ≤ 20	Story of 100	Story of 1000 in 10s	$\frac{1}{1}$ S, $\frac{1}{5}$ S and $\frac{1}{8}$ S	Story of 1
Story of 100 in 10s	+ and – numbers ≤ 20 (green flashcards)	Story of 100 (yellow flashcards)	Story of 1000 in 10s and 100s	¹ ∕₃S, ¹ ∕₅S and ¹ ∕₅S (blue flashcards)	Story of 1 (yellow flashcards)
Story of 100 in 10s 0 + 100 = 100	+ and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10	Story of 100 (yellow flashcards) Bronze: N/A	Story of 1000 in 10s and 100s Bronze: Child can recite	¹ ∕₃S, ¹ ∕₅S and ¹ ∕₅S (blue flashcards) Bronze: Child can recite	Story of 1 (yellow flashcards) Bronze: N/A
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen 	Story of 100 (yellow flashcards) Bronze: N/A	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s,	¹ ∕ ₃ S, ¹ ∕ ₅ S and ¹ ∕ ₈ S (blue flashcards) Bronze: Child can recite each fraction in order and	Story of 1 (yellow flashcards) Bronze: N/A
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 20 + 70 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g.,	⅓S, ⅓ S and ⅛ S (blue flashcards) Bronze : Child can recite each fraction in order and its percentage equivalent including 3/3, 5/5, and	Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 30 + 70 = 100 40 + 60 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards without visual prompts. 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10 flashcards correct.	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g., • 0 + 1000 = 1000 • 100 + 900 = 1000	½S, ½S and ½S(blue flashcards)Bronze: Child can reciteeach fraction in order andits percentage equivalentincluding 3/3, 5/5, and8/8 = 100%.	Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the bond to 1 for 10 different fractions.
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 30 + 70 = 100 40 + 60 = 100 50 + 50 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards without visual prompts. Sliver: As above but 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10 flashcards correct. Gold: Without flashcards	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g., • 0 + 1000 = 1000 • 100 + 900 = 1000 • 200 + 800 = 1000, etc.	½S, ½S and ½S (blue flashcards) Bronze: Child can recite each fraction in order and its percentage equivalent including 3/3, 5/5, and 8/8 = 100%.	Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the bond to 1 for 10 different fractions.
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 30 + 70 = 100 40 + 60 = 100 50 + 50 = 100 60 + 40 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards without visual prompts. Sliver: As above but subtracting. 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10 flashcards correct. Gold: Without flashcards child can answer, e.g.,	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g., • 0 + 1000 = 1000 • 100 + 900 = 1000 • 200 + 800 = 1000, etc.	¼S, ¼S S and ¼8 S (blue flashcards)Bronze: Child can recite each fraction in order and its percentage equivalent including 3/3, 5/5, and 8/8 = 100%.Sliver: As above but decimal equivalents.	Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the bond to 1 for 10 different fractions. Gold: Child can answer,
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 30 + 70 = 100 40 + 60 = 100 50 + 50 = 100 60 + 40 = 100 70 + 30 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards without visual prompts. Sliver: As above but subtracting. Gold: As above when 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10 flashcards correct. Gold: Without flashcards child can answer, e.g., • 100 – 32 • What do you need to	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g., • 0 + 1000 = 1000 • 100 + 900 = 1000 • 200 + 800 = 1000, etc. Sliver: Child can respond with the bond to 1000	½S, ½S and ½8S(blue flashcards)Bronze: Child can reciteeach fraction in order andits percentage equivalentincluding 3/3, 5/5, and8/8 = 100%.Sliver: As above butdecimal equivalents.	Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the bond to 1 for 10 different fractions. Gold: Child can answer, e.g., • 1 – ² / ₂
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 30 + 70 = 100 40 + 60 = 100 50 + 50 = 100 60 + 40 = 100 70 + 30 = 100 80 + 20 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards without visual prompts. Sliver: As above but subtracting. Gold: As above when asked using a range of 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10 flashcards correct. Gold: Without flashcards child can answer, e.g., • 100 – 32 • What do you need to add to 47 to make	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g., • 0 + 1000 = 1000 • 100 + 900 = 1000 • 200 + 800 = 1000, etc. Sliver: Child can respond with the bond to 1000, e.g. Adult: 540, Child: 460.	¼S, ¼s S and ¼s S (blue flashcards)Bronze: Child can recite each fraction in order and its percentage equivalent including 3/3, 5/5, and 8/8 = 100%.Sliver: As above but decimal equivalents.Gold: Given 10 random	Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the bond to 1 for 10 different fractions. Gold: Child can answer, e.g., • 1-⅔ • What do you need to
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 30 + 70 = 100 40 + 60 = 100 50 + 50 = 100 60 + 40 = 100 70 + 30 = 100 80 + 20 = 100 90 + 10 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards without visual prompts. Sliver: As above but subtracting. Gold: As above when asked using a range of language, e.g., total, 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10 flashcards correct. Gold: Without flashcards child can answer, e.g., • 100 – 32 • What do you need to add to 47 to make 100?	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g., • 0 + 1000 = 1000 • 100 + 900 = 1000 • 200 + 800 = 1000, etc. Sliver: Child can respond with the bond to 1000, e.g. Adult: 540, Child: 460.	 ½S, ½S S and ½8 S (blue flashcards) Bronze: Child can recite each fraction in order and its percentage equivalent including 3/3, 5/5, and 8/8 = 100%. Sliver: As above but decimal equivalents. Gold: Given 10 random fractions, decimals or percentages, child can 	 Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the bond to 1 for 10 different fractions. Gold: Child can answer, e.g., 1-⅔ What do you need to add to ¾ to make 1?
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 30 + 70 = 100 40 + 60 = 100 50 + 50 = 100 60 + 40 = 100 70 + 30 = 100 80 + 20 = 100 90 + 10 = 100 100 + 0 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards without visual prompts. Sliver: As above but subtracting. Gold: As above when asked using a range of language, e.g., total, difference, sum, how many more. 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10 flashcards correct. Gold: Without flashcards child can answer, e.g., • 100 – 32 • What do you need to add to 47 to make 100? • What is the difference	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g., • 0 + 1000 = 1000 • 100 + 900 = 1000 • 200 + 800 = 1000, etc. Sliver: Child can respond with the bond to 1000, e.g. Adult: 540, Child: 460. Gold: As with story of 100 but with multiples of 10	 ½S, ½S and ½8S (blue flashcards) Bronze: Child can recite each fraction in order and its percentage equivalent including 3/3, 5/5, and 8/8 = 100%. Sliver: As above but decimal equivalents. Gold: Given 10 random fractions, decimals or percentages, child can give both of the other 	 Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the bond to 1 for 10 different fractions. Gold: Child can answer, e.g., 1 - ⅔ What do you need to add to ⅔ to make 1? What is the difference batwase 1 and 3/2
Story of 100 in 10s 0 + 100 = 100 10 + 90 = 100 20 + 80 = 100 30 + 70 = 100 40 + 60 = 100 50 + 50 = 100 60 + 40 = 100 70 + 30 = 100 80 + 20 = 100 90 + 10 = 100 100 + 0 = 100	 + and – numbers ≤ 20 (green flashcards) Bronze: Child can add 10 sets of 2 randomly chosen numbers from flashcards without visual prompts. Sliver: As above but subtracting. Gold: As above when asked using a range of language, e.g., total, difference, sum, how many more. 	Story of 100 (yellow flashcards) Bronze: N/A Sliver: Child gets 10 flashcards correct. Gold: Without flashcards child can answer, e.g., • 100 – 32 • What do you need to add to 47 to make 100? • What is the difference between 100 and 29?	Story of 1000 in 10s and 100s Bronze: Child can recite bonds to 1000 in 100s, e.g., • 0 + 1000 = 1000 • 100 + 900 = 1000 • 200 + 800 = 1000, etc. Sliver: Child can respond with the bond to 1000, e.g. Adult: 540, Child: 460. Gold: As with story of 100 but with multiples of 10.	 ½S, ½S and ½8S (blue flashcards) Bronze: Child can recite each fraction in order and its percentage equivalent including 3/3, 5/5, and 8/8 = 100%. Sliver: As above but decimal equivalents. Gold: Given 10 random fractions, decimals or percentages, child can give both of the other equivalents. 	 Story of 1 (yellow flashcards) Bronze: N/A Sliver: Child can give the bond to 1 for 10 different fractions. Gold: Child can answer, e.g., 1-⅔ What do you need to add to ¾ to make 1? What is the difference between 1 and ¾?
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