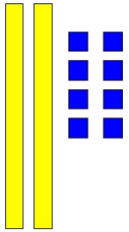
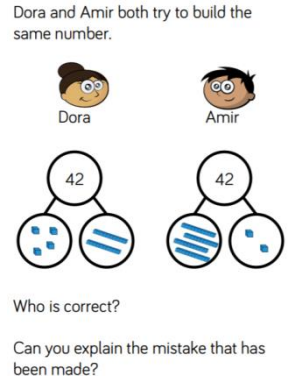
Year 1 Maths Summer Week 1

5 days of problem solving	Day 1 Activity	Day 2 Activity	Day 3 Activity	Day 4 Activity	Day 5 Activity
Factual fluency (to aid fluency)	https://mathsframe.co.uk/en/resources/resource/552/Reading-Numbers-Mini-Maths-Golf press play-one player-5 short game-read numbers to 20 in numerals and words	https://mathsframe.co.uk/en/resources/resource/292/Montys-Maths-Wall read instructions-play-read numbers- read numbers to 20 in numerals and words	https://www.topmarks.co.uk/learning-to-count/chopper-squad one more or less-1 to 50	https://www.topmarks.co.uk/ordering-and-sequencing/coconut-ordering ordering numbers-up to 20	https://www.topmarks.co.uk/ordering-and-sequencing/coconut-ordering ordering numbers-up to 20
Problem/activity of the day	Think of a number between 20 and 40. How many ways can you make and show that number? Be as creative as you can! E.g. I could show the number 23 with 23 circles, 23 teabags, 23 pieces of pasta, 2 tens and 3 ones, or even a number sentence! (20 + 3 = 23) Do the same with another number between 20 and 40. Do this for 10 different numbers between 20 and 40.	Choose a number between 20 and 40. Draw tens sticks and ones (Dienes) to show the tens and ones in your number.  My number is 28. 2 tens sticks and 8 ones show 28. Show 10 different numbers with drawings of tens sticks and ones. Show how many tens are there in <u>your</u> number and how many ones.	My friends have a problem.  (Enlarged below). Who is correct? Explain where they went wrong. Explain a way to help them with the number 36.	My friend wrote **28 <u>is greater than</u> 18** Write two numbers between 10 and 40 and write **is greater than** or **is less than** to compare the numbers. Now choose 2 two more numbers between 20 and 40 and write sentences to compare them.	Think of a number between 10 and 40. Use this week's learning to give a family member clues to guess your number. If my number was 15, I might say: 'It is made from 1 ten and 5 ones, it's greater than 10 but less than 20, I might show them a number sentence 10+5=? Do this for 10 different numbers between 20 and 40. Try it on as many family members as you can!
Resources you will need	Pencil and paper Household objects	Pencil and paper	Pencil and paper	Pencil and paper	Pencil, paper
Tips, clues or methods to help	Try to count on from the 10s number.	Use one colour to show tens and a different colour to show ones.	Think how many tens there are in your number.	Highlight the greatest and smallest number on the 100 square (below).	Look at all the activities you have done this week.
Want to check?	Use a 100 square (below) to check that your	Use a 100 square (below) to check that your	Put your number in the number bond (part-	Use a 100 square (below) to check that your	Use a 100 square (below) to check that your

	number is between 20 and 40	number is between 20 and 40	whole) diagram. How many tens and how many ones?	numbers are between 20 and 40 Find both numbers on the 100 square.	number is between 10 and 40
Theme	Numbers to 40.	Numbers to 40	Numbers to 40	Numbers to 40 More than/less than	Numbers to 40 More than/less than

See below for: hundred square, tens sticks, enlarged problem for day 3

Additional activities: support: complete the calculations below

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Hundred square for support:

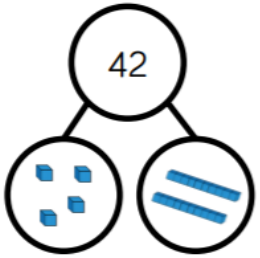
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Enlarged problem for day 3:

Dora and Amir both try to build the same number.

Dora

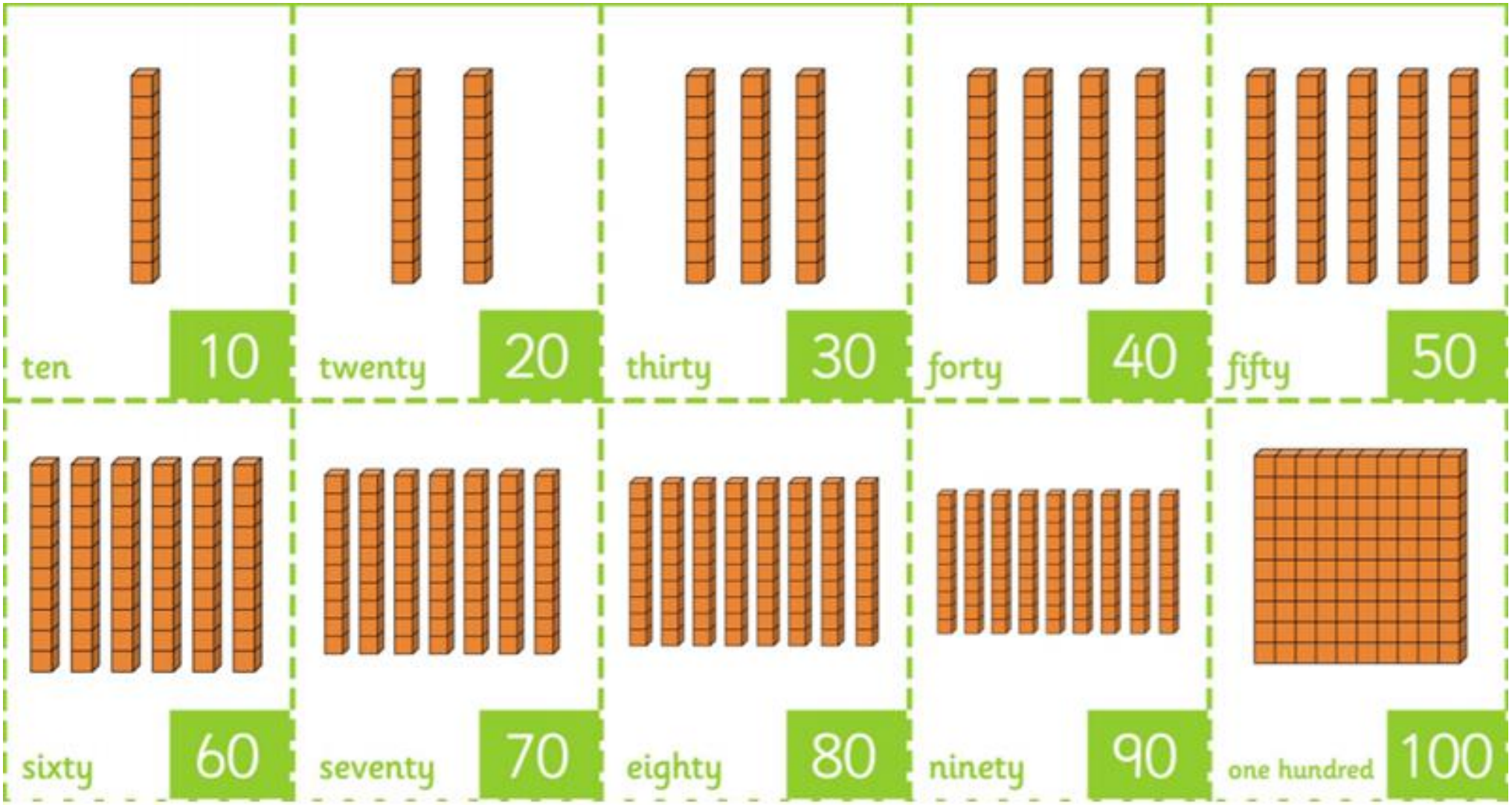
Amir



Who is correct?

Can you explain the mistake that has been made?

Tens sticks for support (known as Base 10 or Dienes):



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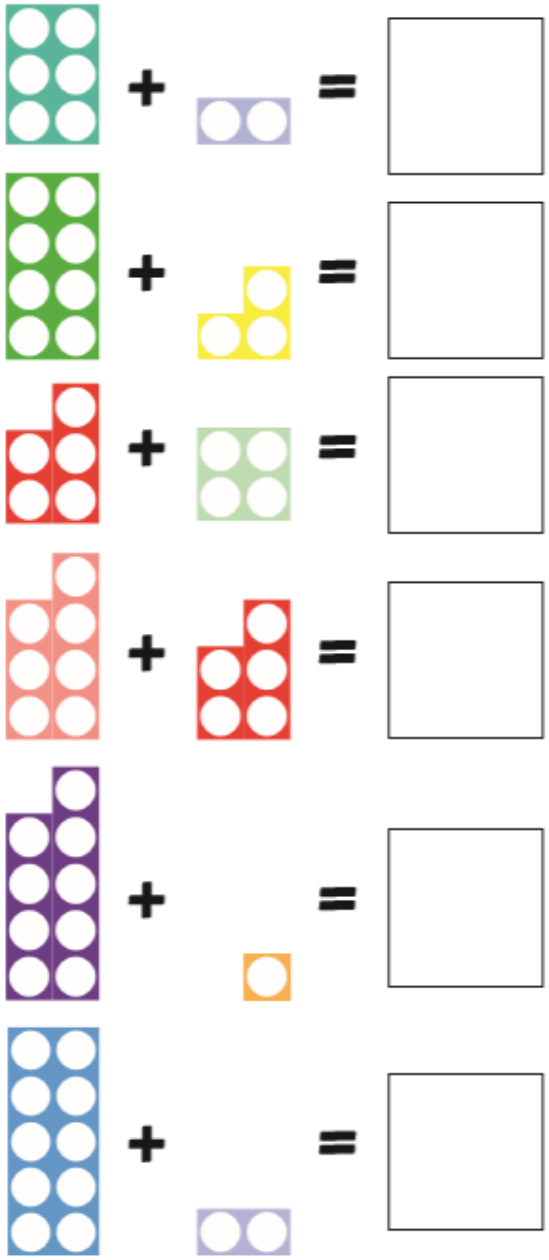
Additional activity:

Use the number shapes to work out the answers to each addition question.



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