Canonbury Home Learning

Year 2/3 Maths

ANSWERS

Task 1	Task 2
Practice **Year 2s use a number line** and **Year 3s use column method** to solve these subtraction calculations: a) There were 60 children in Year 2. 27 children had packed lunch. How many children had school dinners? **60 – 27 = 33** b) There were 42 bananas for playtime snacks. 26 children took a banana to eat. How many bananas were left? **42 – 26 = 16** c) Kaya gave Cassie 78 counters to use in a Maths lesson. Cassie accidentally dropped them. There were 39 counters left in the bowl, how many were on the floor? **78 – 39 = 39** d) Cherelle won £95 in the school raffle but she owed Oliver £38. How much money did Cherelle have left after paying Oliver back? **£95 – £38 = £57**	**Practice** **Year 3s use column method** to answer these two-step subtraction calculations: a) Sarah went to the cinema. There were 70 seats altogether. 34 adults and 17 children went to see the film. How many empty seats were there? **34 + 17 = 51** **70 – 51 = 19** b) There were 60 children in Year 3. Half the children went on a school trip. 13 of the remaining children chose to play outside, while the rest stayed in to do an art project. How many Year 3s did the art project? **½ of 60 = 30** **30 – 13 = 17** c) Calvin counted 132 ladybirds in the school garden. It started to rain and 74 ladybirds flew away. How many ladybirds were left in the garden? **132 – 74 = 58** d) Juliet would like to buy a new bike costing £286. She has already saved £109. Her friend then gave her a voucher worth £28. How much more money does Juliet need to buy the bike? **£286 – £109 = £177** **£177 – £28 = £149**

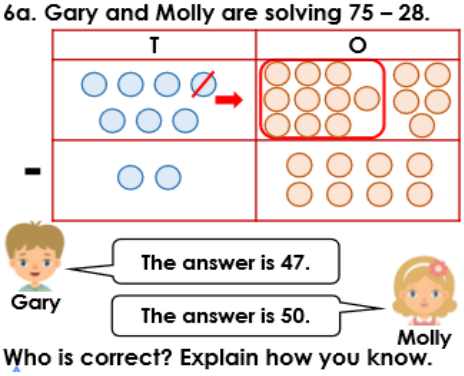
CANONBURY PRIMARY SCHOOL
Create, discover and succeed together

Task 3

Reasoning

Explain your answers.

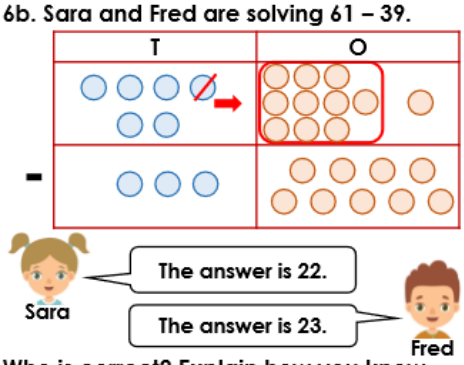
6a. Gary and Molly are solving 75 – 28.



Who is correct? Explain how you know.

6a. Gary is correct because he accurately exchanged 1 ten for ten ones, unlike Molly.

6b. Sara and Fred are solving 61 – 39.



Who is correct? Explain how you know.

6b. Sara is correct because she has accurately counted the remaining ones whereas Fred has miscounted.

7b. Sam has calculated seventy subtract forty-eight. Her calculation is below.

	7	0
–	4	8
	3	2

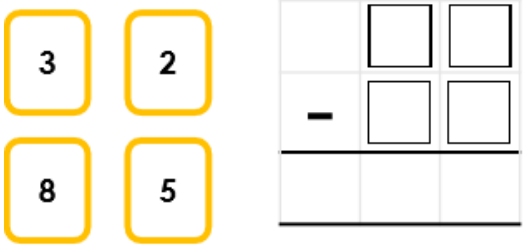
What mistake has she made?

7b. Sam has incorrectly subtracted 8 from 0 in the ones column. Sam should have exchanged 1 ten for 10 ones as 8 cannot be subtracted from 0. The answer should be 22, not 32.

Task 4

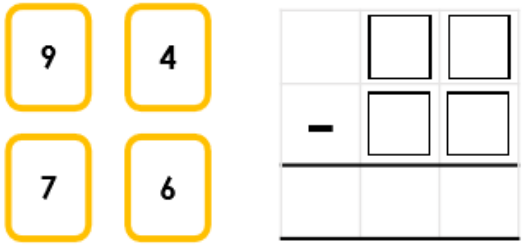
Problem solving

5a. Using the digit cards below, create 3 different 2-digit subtraction that includes an exchange.



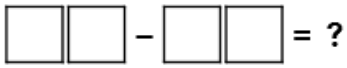
5a. Various answers, for example:
82 – 35 = 47, 35 – 28 = 7 and 52 – 38 = 14

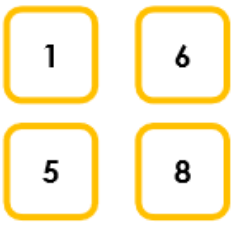
5b. Using the digit cards below, create 3 different 2-digit subtraction that includes an exchange.



5b. Various answers, for example:
94 – 76 = 18, 94 – 67 = 27 and 74 – 69 = 5

8b. Using the digit cards below, create 3 different 2-digit subtraction that includes an exchange.





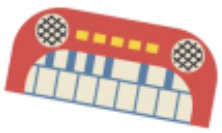
8b. Various possible answers, for example:
81 – 65 = 16, 85 – 16 = 69 and 56 – 18 = 38

Challenge

1. Danny and Greg go to the opening of a new toy shop.

Danny has £623 in his savings account and he wants to treat himself to a new toy.

How much money would he have left if he bought each of the toys below?
Rocket – £566, Keyboard – £598, Drum – £586, Scooter – £555, Robot – £574, Dinosaur – £607



£57	£25	£37	£68	£49	£16

Greg has £114 left over from his birthday money.

He buys a toy and is left with more than £49 but less than £67.

Which toy could he have bought? Find all the possibilities by subtracting each price from his total.
He could have bought the rocket (£114 – £57 = £57) or the robot (£114 – £49 = £65).