

Primary Mathematics 2A Home Instructor's Guide, Standards edition

(Updated 5/13/2010)

Page			Printing
33	Notes	Boxes cut off last lines of text. Top box: "...and the total ones under the line in the ones place. " Second box: "...Write the 100 above the hundreds place. " Third box: "Write the total hundreds under the line in the hundreds place. "	2008
34	3 rd section	"...add by splitting the 38 into 30 and 8...)	2008
44		Some sentences got cut off when file was compiled as pdf. See next page here for corrected page 44.	2008

(1) Subtract ones or tens

Textbook	Teaching Activities	
Task 1, p. 48		
1. (a) 4 (d) 40 (b) 5 (e) 50 (c) 35 (f) 350		
	Write the expression $15 - 7$. Ask your student to find the answer. Discuss different methods for finding the answer. ⇒ Subtract from ten. ⇒ Subtract 5 from 15, then 2 more. ⇒ “Count up” from 7 first to 10, then to 15. ⇒ Remember the math fact $15 - 7 = 8$.	$15 - 7 = 5 + 3 = 8$ ∧ 5 10
	Write the expression $40 - 7$. Ask your student to find the answer. You can illustrate it with place-value discs by giving him 4 ten discs and asking him to subtract 7. He will need to subtract 7 from one of the tens.	$40 - 7 = 30 + 3 = 33$ ∧ 30 10
	Write the expression $45 - 7$ and discuss methods for finding the answer mentally, using place-value discs if needed. ⇒ Subtract 7 from 40, as before. There are still 5 more ones. ⇒ Subtract 7 from 10. ⇒ Remember that $15 - 7 = 8$.	$45 - 7 = 33 + 5 = 38$ ∧ 5 40 $45 - 7 = 35 + 3 = 38$ ∧ 35 10 $45 - 7 = 30 + 8 = 38$ ∧ 30 15
	Similarly, discuss the problem $645 - 7$. Subtracting 7 does not affect the hundreds, so we essentially have to just find $45 - 7$.	$645 - 7 = 638$ ∧ 600 45
	Now write the problem $400 - 70$. We can solve this problem in the same way as $40 - 7$ by thinking of it as 40 tens – 7 tens. You can illustrate this with place-value discs, this time giving your student 4 hundreds.	$400 - 70 = 300 + 30 = 330$ ∧ 300 100
	Write the expression $450 - 70$. 45 tens – 7 tens can be solved by finding the answer to $45 - 7$.	$450 - 70 = 380$
	Finally, write the expression $451 - 70$. We can simply find $450 - 70$, then add the ones.	$451 - 70 = 381$
	Have your student do Task 1, p. 48, in the order (a), (d), (b), (e), (c), (f).	
	Reinforcement Mental Math 14-15	