

# Primary Mathematics 6A, Standards edition

(Updated 2/3/2016 )

## Teacher's Guide

Page				Added
12	Answers to Textbook pp. 17-18	5.	462.24	2009
38	Answers to Textbook p. 38	3.(d)	1.4	2016
		4.(f)	$1\frac{7}{100}$	2016
49	Answers to Textbook p. 46	5	The answers are given in ascending order and should have been in descending order.	2016
58	Answer to Textbook p. 54	8.	$\frac{1}{6} - \frac{1}{10} = \frac{5}{30} - \frac{3}{30} = \frac{2}{30} = \frac{1}{15}$ $\frac{1}{15}$ of the group are girls.	2012
70	Answers to textbook p. 63	8.	There is something wrong with the problem. The syrup must be pretty weak, or the problem meant to say that $\frac{1}{3}$ of the lemonade consists of syrup. If so, the answer is correct. However, if $\frac{1}{3}$ of it is water, then the syrup is $\frac{a}{4} \times \frac{2}{3} = \frac{a}{6}$ . Or, subtract from the fraction that is water, $\frac{a}{4} - \frac{a}{12} = \frac{a}{6}$ .	
78	Answers to textbook p. 70	6	$11\frac{2}{3}$	
131	Answers to Task 2-5, Textbook pp 107-109	2.	50 kg, $50/7$ kg or $7\frac{1}{7}$ kg, $150/7$ kg, $21\frac{3}{7}$ kg	2009
		3.	51 m, 17 m, 34 m, 34 m	2009
		4.	84 (a) 7, 84, 12, 36, 36 (b) 48, 36, \$3.60, 48, \$12, \$12 + \$3.60 = \$15.60	2009
		5.	450 total for students in left drawing, 15 units is 450, 1 unit is 30, 480 for total in left drawing, 30 for total in right drawing, 5 units is 30, 1 unit is 6, 4 units is 24, The number of female teachers is 24.	2009
141	Answers to textbook p. 121-122	10.	\$0.27	
157	Answer to textbook p. 131	2(c)	Parking fees = $4 \times \$1.50 = \$6$ Answer for (b) is \$4.50 and for (d) is \$7.50.	2009
160	Answer to textbook p. 135-137	5(d)	Distance traveled = 7 miles if amount changed to \$20.50. It can't be \$20 unless driver charges for part of a mile, but if so, distance traveled is between 6 and 7 miles.	12/10/15
161	Answers to textbook p. 136-137	7.	If problem is kept as in 2009 printing of textbook, and the charge is assumed to be \$97 per day, then the answer should be changed to <b>271 miles</b> .	2009
166	Answers to Task 2, textbook p. 141	2(b)	100, 600, 36,000, 36	2009
174	Answers to Practice D, tb p. 150	1(b)	$666\frac{2}{3}$	2009
		5	500 m/min	
175	Answers to Review 4, tb p. 152	7(b)	6 mph	2009
		7(c)	15 mph	2009
178	Review 1 (p. 29-32)	1.	Add another acceptable answer: 743	2009
179	Exercise 1 (p. 45-46)	1.(a)	14/15	2009

	Exercise 1 (p. 45-46)	1.(d)	19/24	2009
180	Exercise 2 (p. 47-49)	4.	$\frac{5}{27}$ students	2009
180	Exercise 6 (p. 57-58)	3.	The answer to the division problem is $33\frac{1}{3}$ . So she needs 34 cups, but the question in the textbook is not clear. It should ask how many of the cups are needed.	2009
180	Review 2 (p. 59-62)	6.	$6\frac{8-3a}{8}$ (Problem should be changed or omitted, it is not appropriate here.)	2009
181	Exercise 3 (p. 67-68)	5.(b)	6072	2009
181	Exercise 5 (p. 71-72)	4.(b)	\$1.50	2009
181	Exercise 6 (p. 73-74)	1.	\$7000 (if changing problem, see p. 73 under Workbook above.)	2009
		2.	\$500	
		3.	\$3000	
		4.	\$2000	
		5.	\$650,000	
		6.	\$20,000	
181	Exercise 2 (p. 77-78)	2.	40 : 1	2009