

# Primary Mathematics 6B, Standards edition

(Updated 1/17/2017)

## Teacher's Guide

Page				Added
14	Answers to Practice A, textbook p. 19	1(a)	(i) Circumference = 62.8 cm (ii) Area = 314 cm <sup>2</sup>	2010
		1(b)	(i) Circumference = 37.68 in. (ii) Area = 113.04 in <sup>2</sup>	
		2(a)	(i) Circumference = 17.6 m (ii) Area = 24.64 m <sup>2</sup>	
		2(b)	(i) Circumference = 110 cm (ii) Area = 962.5 cm <sup>2</sup>	
		3(a)	(i) Perimeter = 30.84 cm (ii) Area = 56.52 cm <sup>2</sup>	
		3(b)	(i) Perimeter = 46.26 in. (ii) Area = 127.17 in. <sup>2</sup>	
		4(a)	(i) Perimeter = 5 m (ii) Area = 1.54 m <sup>2</sup>	
		4(b)	(i) Perimeter = 125 ft (ii) Area = 962.5 ft <sup>2</sup>	
22	Answer to Task	7	Last line should be 148 in. <sup>2</sup>	2017
49	Answers to Practice A, Textbook, pp. 38-40	7(a)	715.69 cm <sup>3</sup>	2010
		7(b)	8.0 cm	
122	Answers to Textbook p. 116	2(b)	Height of tallest player = <b>6'3"</b> Height of shortest player = <b>5'7"</b> Difference in heights = <b>6"</b> Range = <b>6"</b>	2010
146	Answers to Practice B	4	$\frac{1}{2}$	2016
		6	$\frac{7}{12}$	2016
158	Answers to Textbook p. 154	5(a)(ii)	1	2010
162	Answers to Textbook pp. 159-161	4(c)(iii)	$\frac{5}{18}$	2010
172	Explanations for Textbook p. 166		2 - 1 = 1 2 - 0 = 2  The integer subtracted from 2 is decreased by one. The difference has <b>increased</b> by one.	2010
199	Exercise 7 (pp. 18-20)	4	135.5 m <sup>2</sup>	2010
		5	832.68 cm <sup>2</sup>	2010
201	Unit 10 answers are not included because they are constructions. However, here are a few answers. (Do not expect same precision.)			2016
	Exercise 4	1	∠TAN = 65°, TA = 2.54 in.	
		2	∠SBU = 53.13°, SB = 10 cm	
		3	∠PNE = 90.37°, EN = 5.10 cm	
		4	BT = 6 cm, MT = 10.39 cm	
		5	∠DRE = 90°, RA = 1.73 in	
		6	∠TEA = 36°, ∠AKT = 120.71°, AT = 5.56 cm	
	Exercise 5	1	∠NDH = 110°, RA = 4.43 in	

		2	$\angle OND = 80^\circ$	
		3	$\angle ONE = 115^\circ$	
		4	KN = 6.43 cm, $\angle ONE = 49.58^\circ$	
		5	$\angle HEN = 50^\circ$ , RA = 2.37 in	
		6	$\angle DAC = 50^\circ$	
	Review 6	13	Area = 5 cm <sup>2</sup>	
		14	$\angle AGF = 122^\circ$ , LA = 2.36 in	
		15	$\angle AMH = 99.7^\circ$ , $\angle MHT = 35.26^\circ$	
201	Exercise 5 (pp. 109-113)	3	There are 2 modes, 75 and 100	2010
201	Exercise 6 (pp. 114-116)	3	Problem is misnumbered as 5	2010
		3(b)	1.2 in	2016
		3(c)	5.4 in	2016
202	Exercise 1 (pp. 117-120)	4(c)	40%	4/28/16
	Exercise 1 (pp. 117-120)	4(d)	60%	4/28/16
	Exercise 2 (pp. 121-124)	1(b)	2/5	2010
203	Review 7 (pp. 138-144)	5	Answers are misnumbered. Omit first (a), change (b)-(e) to (a)-(d). Change answer to 5.(d) from $\frac{4}{36}$ to $\frac{1}{9}$	2010
204	Exercise 4 (pp. 155-156)	3(a)	$x = 5$	2010