

Level 3

Answer Key

	RP > Ratio and Proportion	NS > Number sense	EE > expressions & equations	G > Geometry	SP > Statistics & Probability
week 1 page 1	8 pound bag	-38	22	150 ft ²	mean 76.4 median 72 median
week 1 page 2	120	32	8	12 cm ²	3
week 2 page 1	240	Thursday	41 miles	112 sq. units	B
week 2 page 2	16.5 cups	-9, -6, -3, 0, 1, 4, 8	6 different ways	117 in ²	Tia: MAD .11 ft Sam: MAD .14 ft Tia had less variability
week 3 page 1	$\frac{3}{25}, 0.12$	4	$\frac{c}{6}$	1176 in ²	n/a
week 3 page 2	2	-36	42e + 18	3 m	mean = 4.9 median = 4 IQR = 7 MAD = 3
week 4 page 1	32 in	0.99	2x + 4 10	8 in	mean 22.3 median 16.5 mode 14 + 19
week 4 page 2	71.50	900	dist. Property	480 in ³	1.4
week 5 page 1	32 pk	214	c = 20p + 15	35 ft ²	77
week 5 page 2	$\frac{5}{j} \mid \frac{7}{2} \mid \frac{28}{8} \mid \frac{49}{14}$	10 ³	64	96 ft ²	28

week 6 page 1	18 th customer	10.01	12x	448 in ²	74.5
week 6 page 2	$\frac{1}{5}, 1:5, 1 \text{ to } 5$	Sample answer $40 + 30 = 70$	18	$10\frac{1}{8} \text{ ft}^2$	not Statistical
week 7 page 1	200 wpm	1.25 cups	Sample answer $y + 4 = 9$	9 m^2	8.5
week 7 page 2	5 petals	59.33	20	8.64 cm	the median, 12, is best choice
week 8 page 1	yes	175 lb	$x = 77.69 = 24.50$ $x = 102.19$	24 units	75 - 80
week 8 page 2	120	-3	no 44 not greater than 46	60.90	Statistical
week 9 page 1	91.2 ounces	10	$x \geq 1.5$	$3\frac{3}{8}$ cubic inches	191; 334
week 9 page 2	28	$-1 < 3$	9 more than y	2 cm	Centered around 25 min spread of data is 10
week 10 page 1	72 students	18, 12, 0, -10	$4s = 132$ $s = 33 \text{ ft}$	576 cm^3	not symmetric
week 10 page 2	70%	(3, 2)	2d	4 meters	Fair: 18 Range: 35