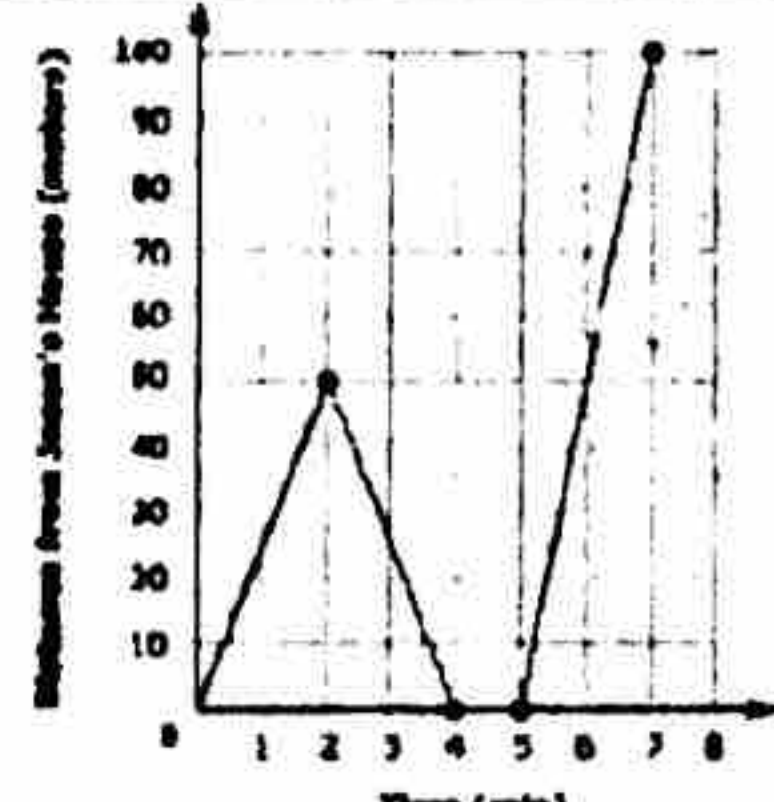


### Week 1 – Grade 8

	Standard	Day 1	Day 2	Day 3	Day 4	Day 5
1	8.EE.1.3	D	300 times larger	D	$2 \times 10^6$ because it has a greater power of 10.	5
2	8.EE.1.4	D	$4.752 \times 10^8$	B	D	D
3	8.EE.2.5	B	D	A	Omar; Carla	C, D, E
4	8.EE.2.6	$y=2x$	The ratios of the height to the base of each triangle are proportional.	A	C	$7 \frac{1}{3}$
5	8.G.1.5	$50^\circ$	$x=40^\circ$ and $y=40^\circ$	D	C	C

### Week 2 – Grade 8

		Day 1	Day 2	Day 3	Day 4	Day 5
1	8.F.1.1	C	C	T	(5, 7) or (5, 8)	A
2	8.F.1.2	B	Both Model S and Model T drain at faster rates than the existing tanks.	B	B	A
3	8.F.1.3	D	B	C	D	A
4	8.F.2.4	$C=45d+25$	A	B	D	A
5	8.F.2.5	C	B		A	Graph 3

### Week 3 – Grade 8

		Day 1	Day 2	Day 3	Day 4	Day 5												
1	8.SP.1.1	\$40,000	2500	It shows the expected change in salary for each additional year of employment.	Yes, his expectation is reasonable...	(4, 12) and (17, 2) On a __ page document, he found __ typos.												
2	8.SP.1.2	A	A	Answers vary	There is a positive association between the # of hours of TV watched and # of Ds on report card.	C												
3	8.SP.1.3	B	B	The 10 represents the increase in calories per gram of fat.	10 hr	Robin is traveling 30 mph.												
4	8.SP.1.4	50	$\frac{16}{50}$ or 32%	$\frac{10}{25}$ or 40%	<table border="1" style="font-size: small;"> <thead> <tr> <th>MP3 Player</th> <th>No MP3 Player</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>57</td> <td>122</td> <td>179</td> </tr> <tr> <td>30</td> <td>65</td> <td>95</td> </tr> <tr> <td>87</td> <td>187</td> <td>274</td> </tr> </tbody> </table>	MP3 Player	No MP3 Player	Total	57	122	179	30	65	95	87	187	274	B
MP3 Player	No MP3 Player	Total																
57	122	179																
30	65	95																
87	187	274																
5		Positive association	B	It is the flat charge to hire the plumber regardless of the	25%	B												



				number of hours worked.		
Week 4 – Grade 8						
		Day 1	Day 2	Day 3	Day 4	Day 5
1	8.EE.3.7	A	$x=-2$	D	A	C
2	8.EE.3.8	D	C	C	D	B
3	8.G.3.9	C	$678.24 \text{ in}^3$	C	$301.4 \text{ in}^3$	D
4	8.NS.1.1	D	R, I, R, I, R	26	$0.\overline{45}$	A, B, F
5	8.NS.1.2	$\sqrt{3}, \sqrt{5}, \pi$	See # line	See # line	6 units	A, C, D

Week 5 – Grade 8						
		Day 1	Day 2	Day 3	Day 4	Day 5
1	8.EE.1.1	B	B	D	A	B
2	8.EE.1.2	A	A	C	$\frac{2}{3}$	Answers vary
3	8.G.1.1	D	C	7 units	The perimeters of the figures will be the same because the figures are congruent.	$60^\circ$
4	8.G.1.2	B	A	(3, 2)	B	A
5	8.G.1.3	C, E	(3, -2)	A	B	B

Week 6 – Grade 8						
		Day 1	Day 2	Day 3	Day 4	Day 5
1	8.G.1.4	C	The angle measures of the image will be congruent because the resulting triangle is similar.	The perimeter of $\Delta A'B'C'$ will be 4 times the perimeter of $\Delta ABC$ .	B	$90^\circ$ clockwise rotation about the origin, dilation by factor of 2
2	8.G.1.5	$75^\circ$	$59^\circ$	$61^\circ$	$m\angle 1 = 106^\circ$ $m\angle 2 = 74^\circ$	$42^\circ$
3	8.G.2.6	Yes, they form a right triangle because $a^2 + b^2 = c^2$ .	C	B	D	Answers vary
4	8.G.2.7	B	8 ft	12 ft	35 cm	18.58 cm
5	8.G.2.8	D	3.6 mi	C	33.7 units	$\sqrt{58}$ units

Week 7 – Grade 8						
		Day 1	Day 2	Day 3	Day 4	Day 5
1	8.F.1.1	Answers vary (3,y) where y is an integer	8	B	Yes. For every input, x, there is only one output, y.	-9, -3, 3, 9
2	8.F.1.2	Any line w/ a slope of 2	Function 1	Giovanni's	Giovanni	They have the same flat fee.
3	8.F.1.3	D	No. Reasons vary	C	A, E	Yes... justifications vary.
4	8.F.2.4	\$270	1700, 2240, 2780	$18n+800$	\$36.18	A
5	8.F.2.5	Graph 1	Graph 2	During the last 15 minutes (30-45	They show times when Christine wasn't moving	4 mi



					min), she had the highest speed.	(i.e. waiting in the car).		
Week 8 – Grade 8								
		Day 1	Day 2			Day 3	Day 4	Day 5
1	8.EE.1.1	B	D			27	A, C, D	D
2	8.EE.1.2	$x = \frac{1}{2}$	256 361	1 64	125	B	Never	B, E, F
3	8.EE.1.3	A, D	A			$10^7, 10^{-3}, 10^{-1}, 10^2$	A, C	$2 \times 10^4$
4	8.G.3.9	9.85 ft	B			12 cm	$40,000\pi \text{ cm}^3$	Answers vary (Ex: $r=2, h=9$ or $r=3, h=4$ )
5		$\frac{4}{25}$	C			I disagree unless $x=2$ . $x \cdot x \neq 2x$	B	$11,488 \text{ cm}^3$

Week 9 – Grade 8						
		Day 1	Day 2	Day 3	Day 4	Day 5
1	8.EE.1.4	$8 \times 10^{11}$	C	$1.25 \times 10^{-9}$	A	$4.8 \times 10^8$
2	8.EE.2.5	\$30 per hour	See graph (last 4 hours should increase by \$60/hr)	Andy's: \$2.25/ft Bargain: \$2.50/ft	Check graph	30 cm/month
3	8.EE.2.6	A, C	No. Joe's line has a negative y-intercept, but Stan's y-intercept is 1.	$y=2x-3$	D	C
4	8.EE.3.7	$d=-16$	$x=-51$	$x=8$	No, One, Infinite, One, Infinite, No	$-2c+3=6;$ $c=-3/8$
5	8.EE.3.8	Check graph; (4, 80)	Check work; (4, 80)	B	D	(6, 5)