Name:		Teacher:	School:	
Grade :	7, Lesson #6	Adding and subtracting with inte		
	the problem, v	•	raw and label a number line. Use these he problem, and use your expression t	
mark the hig milepole eat at a	ne distance al hway crosses sts might incr	ong a highway, starting at one end a state border. Depending on whi ease or decrease. For example, if t milepost 60, the driver knows th	se mileposts to calculate distances. Mid and going to the other end or to the ich direction a driver travels, the number driver has just passed milepost 137 areas at the distance to the restaurant, in m	point where ers on the and wants to
A.	You are at m decreasing?	nilepost 345, and you notice the ne	ext milepost is 344, are the miles incre	asing or
В.	You are at m travel to you		at milepost 221. What is the distance y	ou will
C.	You are at m next stop?	nilepost 4 and your next stop is at	56. What is the distance you will trave	l to your

Sourced from Curriculum Associates.

Name:			Teacher:		School:	
Grade '	7: Lesson 7	Subtracting Posi	itive and Negat	ive Fractions and	Decimals	
Solve t	he given prob	lems. Make sur	e to include a n	umber line in you	r solution path.	
1.)		_	-		water. It dives 8.6 yo	-
2.)	complete hi		needs the tem	perature of the so	ture of a saltwater so	
3.)	_	-			2.7°C. The average danat is the average dai	-

Sourced from Curriculum Associates

Name:		Teacher: _		_ School:
Grade 7	7: Lesson 8	Adding and subtracting ra	tional numbers using diffe	erent strategies
Use the	e strategies v	we reviewed to solve the pr	oblems.	
1.	temperatur	rature in a city in South Dak re dropped 12.8 degrees an mperature at 2:00 pm?		n. By 10:30 am, the ped 15.3 degrees more. What
2.	into the car			oes down 27.60 meters, passing osition of the helicopter relative
3.	Write a pos -432.5 – 78	ssible situation that could us .6 + 301.2	se the following expression	n and solve the problem.
Source	d from Currio	culum Associates.		

Name:		_ Teacher:	School:	
Grade 7: Lesson 9 Use addition and subtraction of positive and negative fractions to solve real-world problems				
Answer the following problems using strategies from the lesson. Show all work.				
1.) An all-terrain vehicle (ATV) is at an elevation of $-8\frac{1}{4}$ ft. It goes down a canyon $6\frac{2}{3}$ ft to and then goes back up the other side of the canyon $16\frac{3}{4}$ ft. What is the final elevation of the ATV? Show your work.				
2.)	$39\frac{2}{3}$ gallons of water. Final	ly, the water tank was repaired	Monday. On Tuesday, it loses another and gained $23\frac{1}{10}$ gallons on in the water tank? Show your work.	

3.) Create a situation that uses the following expression and solve the problem. $-5\frac{1}{2} - 9\frac{1}{4} + 2\frac{3}{4}$

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	. 646.1611	

Grade 7: Lesson 10 Adding and subtracting rational numbers using different strategies and checking for answer reasonableness

First, make a prediction. Is the answer is positive or negative? Then work the problem to get the answer.

$$2. -3\frac{1}{6} + 6\frac{2}{3}$$

3.
$$-4.2 - (-2.9) - 4.2 + 0.1$$

$$4.3\frac{1}{5} - 2\frac{1}{2} + 2\frac{3}{5}$$

5.
$$4.3 - (-2.7) - 3.1 + (-3.9)$$