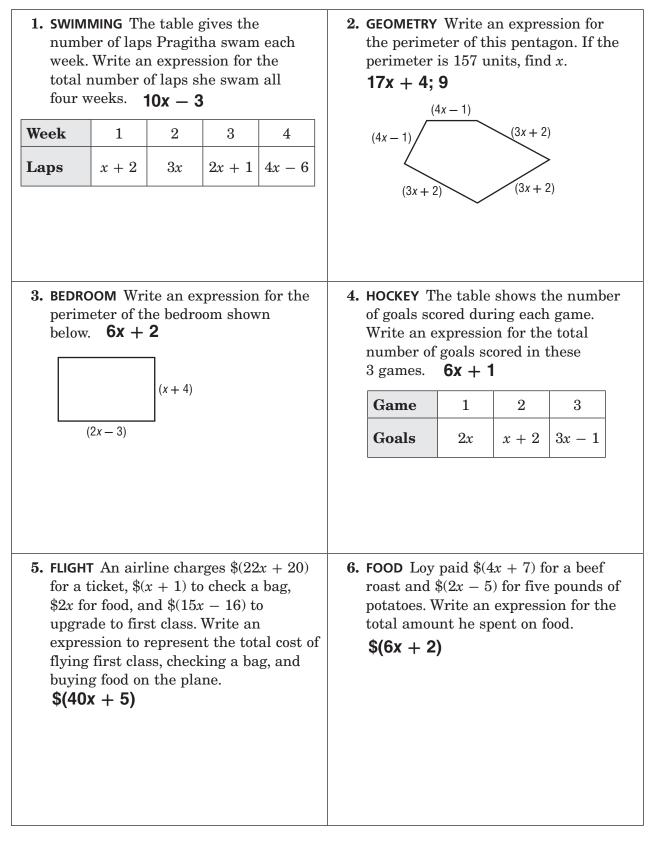
Lesson 6 Problem-Solving Practice

Add Linear Expressions



DATE

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NAME _____ DATE _____ PERIOD _____ **Lesson 7 Problem-Solving Practice**

Subtract Linear Expressions

 GASOLINE The table gives the cost of a gallon of gasoline at two stations. How much more does gasoline cost at Gas For Less than at Cut-Rate? 3x - 4.7 		ns. cost at	2. GEOMETRY What is the difference in the areas of the polygons shown? 4x - 11 $A = x + 4$ $A = 5x - 7$
Cut-Rate	-2x + 3.5	A = x + 4 $A = 5x - 7$	
Gas for Less	x - 1.2		
3. PLACEMATS Find the missing side of the placemat shown if the perimeter is $28x + 11$ inches. (7x - 5) in. ($8x + 2$) in. ($8x + 2$) in. ($8x + 2$) in. ($5x + 12$) in.			 4. SHOES Uthara has 6x - 7 pairs of shoes while China has 2x + 3 pairs of shoes. How many more pairs of shoes does Uthara have than China? 4x - 4
 5. INSECTS A grasshopper has a length of (5x - 2) inches. A spider has a length of (2x - 1) inches. How much longer is the grasshopper? (3x - 1) in. 		a	 6. PANTHERS Two Florida panthers were weighed. One weighs 6x + 21 pounds and the two together weigh 14x + 11 pounds. How much does the other panther weigh alone? 8x - 10 pounds