**Lesson 2 Problem-Solving Practice**

***Compare and Order Rational Numbers***

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1. RAIN** The amount of rainfall was measured after a recent storm. The north side of town received $\frac{7}{8}$ inch of rain, and the south side received $\frac{13}{15}$ inch of rain. Which side of town received more rain from the storm? |  | **2. MOVIES** Because he sees movies at his local theater so often, Delmar is being offered a discount. He can have either $\frac{1}{3}$ off his next ticket or $\frac{3}{10}$ off his next ticket. Which discount should Delmar choose? Explain. |
|  | **3. TRACK** Willie runs the 110-meter hurdles in 17$\frac{3}{5}$ seconds, and Anier runs it in 17$\frac{6}{11}$ seconds. Which runner is faster? |  | **4. FARMING** Cassie successfully Harvested $\frac{7}{12}$ of her crop, and Robert successfully harvested $\frac{29}{50}$ of his crop. Which person successfully harvested the larger portion of his or her crop? |
|  | **5. TRANSPORTATION** My-Lien has enough room in her truck to move 3.385 tons of gravel. Her father has asked her to move 3$\frac{5}{16}$ tons. Will My-Lien be able to move all of the gravel in only one trip? Explain. |  | **6. WOOD WORKING** Kishi has a bolt that Is $\frac{5}{8}$ inch wide, and she drilled a hole 0.6 inch wide. Is the hole large enough to fit the bolt? Explain. |
|  | **7. PIZZA** In a recent pizza-eating contest, Alfonso ate 1$\frac{3}{8}$ pizzas, Della ate 1$\frac{3}{10}$ pizzas, and Jack ate 1$\frac{4}{9}$ pizzas. Which person won the contest? |  | **8. STUDYING** For a recent algebra exam, Pat studied 1$\frac{8}{15}$ hours, Toni studied 1$\frac{11}{20}$ hours, and Morgan studied 1$\frac{9}{16}$ hours. List the students in order by who studied the most. |