Homework: Application with Fractions   "Show Your Work" for full credit.

Name: _____ Date: _____

4. A box of snack-size cracker packs weighs $28\frac{1}{2}$ ounces. Each snack pack weighs $4\frac{3}{4}$ ounces. How many snack packs are in the box? (Example 5)

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5. The soccer team has $16\frac{1}{2}$ boxes of wrapping paper left to sell. If each of the 12 players sells the same amount, how many boxes should each player sell? (Example 5)

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6. (e) **Building on the Essential Question** How do you divide mixed numbers? _____

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10. Jamar has an 8-foot-long piece of wood that he wants to cut to build a step stool for his tree house. If each piece is going to be $\frac{5}{6}$ foot long, what is the greatest number of pieces he will be able to use? (Example 6)

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_____

11 The average adult horse needs $\frac{2}{5}$ bale of hay each day to meet dietary requirements. A horse farm has 44 bales of hay. How many horses can be fed in one day with 44 bales of hay? (Example 6)

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12. (MP) **Justify Conclusions** Ethan ordered 4 sub sandwiches for a party. Each $\frac{1}{2}$ sandwich is one serving. Does he have enough to serve 7 friends? How much is leftover or how much more is needed? Explain. _____

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