

Name: \_\_\_\_\_



A. Match the equivalent fractions and decimals.

0.5	0.75	0.875	0.9	0.8	0.25	$0.41\bar{6}$
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1.  $\frac{9}{10} =$  \_\_\_\_\_

5.  $\frac{5}{12} =$  \_\_\_\_\_

2.  $\frac{1}{2} =$  \_\_\_\_\_

6.  $\frac{1}{4} =$  \_\_\_\_\_

3.  $\frac{7}{8} =$  \_\_\_\_\_

7.  $\frac{3}{4} =$  \_\_\_\_\_

4.  $\frac{4}{5} =$  \_\_\_\_\_

B. Order each set of fractions, decimals, and mixed numbers as specified.

1. Order from least to greatest:  $1\frac{1}{5}$ , 1.72, 1.9, 1.04,  $\frac{9}{10}$

2. Order from greatest to least: 0.98, 0.9629, 0.101,  $\frac{4}{5}$ ,  $\frac{7}{12}$

C. Compare the fractions and decimals below:

1.  $\frac{9}{10}$  \_\_\_\_\_ 0.09

2. 0.3 \_\_\_\_\_  $\frac{1}{3}$

3. 0.375 \_\_\_\_\_  $\frac{3}{8}$

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Math Review - SOL 5.6



1. Abi bought  $\frac{2}{7}$  of an ounce of chocolate and  $\frac{1}{3}$  of an ounce of skittles. How much candy does she have now?
  
2. Tommy ran  $\frac{1}{8}$  of a kilometer. Then, he ran  $\frac{5}{8}$  of a kilometer. How much did he run in all?
  
3. Kyle measured  $\frac{1}{2}$  of a cup of flour for a recipe. Then, he measured  $\frac{3}{4}$  of a cup of flour for another recipe. His last recipe needed  $\frac{2}{9}$  of a cup of flour. How much flour did he measure for all of the recipes?
  
4. Meg has  $5\frac{1}{11}$  rolls of duct tape. She used  $3\frac{3}{11}$  rolls. How much does she have left?
  
5. The principal was driving to school. He drove  $9\frac{3}{5}$  miles from his house so far, but the school is  $32\frac{1}{10}$  miles from his house altogether. How much does he have left to drive?
  
6. Bob and his mom made 2 batches of cookies. The first batch needed  $5\frac{1}{6}$  cups of chocolate chips. The second batch needed  $4\frac{1}{8}$  cups of chocolate chips. If they had  $4\frac{1}{12}$  cup of chocolate chips left, how many cups did they start with?
  
7. Paul is measuring how tall his classroom is. From the top of the ceiling to the top of the door measures  $1\frac{3}{4}$  feet. From the door handle to the floor measures  $3\frac{6}{7}$  feet. If the room is  $9\frac{3}{10}$  feet tall, **about** how much does the top of the door to the door handle measure?
  - a. 5 feet
  - b. 3 feet
  - c. 15 feet
  - d. 13 feet