Make it Work! Adding Fractions with Unlike Denominators

Name:_____

Complete the problems by finding the least common denominator. Then, add the fractions. Be sure to show your work and simplify your answers as mixed numbers.

1. 5/9 + 1/2 **1 1/18**

Step 1: Find LCD of denominators (circle it when you find it)
2 - 2, 4, 6, 8, 10, 12, 14, 16, **18**, 20
9 - 9, **18**, 27

Step 2: Write your new fraction with the common denominators. Remember, multiply the numerator by the same number you multiplied the denominator by.
10/18 + 9/18

Step 3: Add the numerators. Put that answer over the common denominator.
19/18

Step 4: Convert the improper fraction into a mixed number.

2. 5/6 + 2/3 **1 1/2**

3. 3/5 + 3/4 **1 7/20**

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4. 1/2 + 3/4 **1 1/4**

5. 5/8 + 2/3 **1 7/24**

6. 2/3 + 3/5 **1 4/15**

7. 1/2+ 4/5 **1 3/10**

8. 6/7 + 1/2 **1 5/14**