

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. $\frac{5}{9} + \frac{1}{2}$

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.

$$\frac{10}{18} + \frac{9}{18}$$

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

$$\frac{19}{18}$$

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

2. $\frac{5}{6} + \frac{2}{3}$

3. $\frac{3}{5} + \frac{3}{4}$

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4. $1/2 + 3/4$

5. $5/8 + 2/3$

6. $2/3 + 3/5$

7. $1/2 + 4/5$

8. $6/7 + 1/2$