

Adding Fractions with Unlike Denominators Worksheet - Answer Key

5th Grade - adding fractions with unlike denominators | 18 minutes

Add. Rewrite the fractions with a common denominator first, then add the numerators.

Example: $1/2 + 1/4$: rewrite $1/2$ as $2/4$, then $2/4 + 1/4 = 3/4$.

1. $1/2 + 1/4 =$

Answer: $3/4$

2. $1/3 + 1/6 =$

Answer: $3/6 = 1/2$

3. $1/2 + 1/3 =$

Answer: $5/6$

4. $2/3 + 1/6 =$

Answer: $5/6$

5. $1/4 + 3/8 =$

Answer: $5/8$

6. $1/2 + 2/5 =$

Answer: $9/10$

7. $3/4 + 1/8 =$

Answer: $7/8$

8. $1/3 + 1/4 =$

Answer: $7/12$

Challenge

9. $1/2 + 1/4 + 1/8 =$

Answer: $7/8$

10. Why must denominators match before adding fractions?

Answer: You can only add pieces of the same size; a common denominator makes the pieces equal.