



Stuck? Scan
for the anchor
chart

UNLIKE DENOMINATORS • GRADE 5

Adding & Subtracting Fractions

Name _____ Date _____

Correct _____ / 4

1 Concrete - shade it before you compute it

1. Shade $\frac{1}{2}$ of the first square and $\frac{1}{3}$ of the second. Which shows more?



More: _____

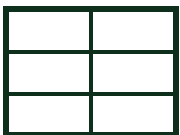
2. Draw fraction strips for $\frac{3}{4}$ and $\frac{1}{2}$. How much longer is $\frac{3}{4}$?



Longer by: _____

2 Representational - grids, strips, and multiples

3. The grid shows sixths. Shade $\frac{1}{2}$ and $\frac{1}{3}$ in it, then add.



$$\frac{1}{2} + \frac{1}{3} = \underline{\hspace{2cm}}$$

4. List multiples to find the LCD of 4 and 6. Circle the first match.

4: _____

6: _____

LCD = _____





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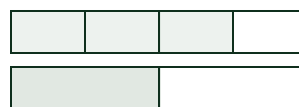
1 Concrete

1. Shade $\frac{1}{2}$ of the first square and $\frac{1}{3}$ of the second. Which shows more?



More: 1/2

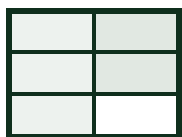
2. Draw fraction strips for $\frac{3}{4}$ and $\frac{1}{2}$. How much longer is $\frac{3}{4}$?



Longer by: 1/4

2 Representational

3. The grid shows sixths. Shade $\frac{1}{2}$ and $\frac{1}{3}$ in it, then add.



$$\frac{1}{2} + \frac{1}{3} = \underline{5/6}$$

4. List multiples to find the LCD of 4 and 6. Circle the first match.

4: 4, 8, 12, 16, 20

6: 6, 12, 18, 24

LCD = 12

3 Abstract

$$5. \frac{1}{3} + \frac{1}{4} = \underline{7/12} \quad 6. \frac{5}{6} - \frac{1}{2} = \underline{1/3} \quad 7. \frac{2}{5} + \frac{1}{2} = \underline{9/10} \quad 8. \frac{7}{8} - \frac{3}{4} = \underline{1/8}$$

Mixed numbers - make them improper first.

$$9. 1\frac{1}{2} + 2\frac{1}{3} = \underline{3\frac{5}{6}}$$

$$10. 3\frac{1}{4} - 1\frac{1}{2} = \underline{1\frac{3}{4}}$$

$$11. \frac{2}{3} + \frac{5}{6} = \underline{1\frac{1}{2}}$$

$$12. 4\frac{1}{6} - 2\frac{2}{3} = \underline{1\frac{1}{2}}$$

If a student adds denominators in problem 5, don't re-teach the rule - send them back to the sixths grid in problem 3. The grid makes "you can only add matching pieces" impossible to miss.