



Name: _____

Date: _____

1. $\frac{1}{2} + \frac{2}{3} = ?$

$\frac{8}{6}$

$\frac{7}{6}$

$\frac{3}{5}$

$\frac{7}{7}$

2. What is the least common denominator of 2 and 6?

3. $\frac{1}{2} - \frac{1}{4} = \underline{\hspace{1cm}}$ (write it over the LCD 4, e.g. n/4)

4. Rewrite $\frac{2}{3}$ with denominator 12: $\underline{\hspace{1cm}}/12$

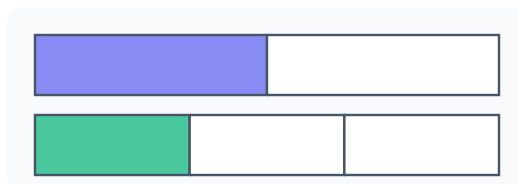
5. To add $\frac{1}{2} + \frac{3}{2}$, do you need to find a common denominator first?

Yes

No

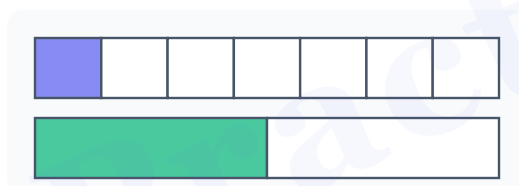


6. Use the bars to add: $\frac{1}{2} + \frac{1}{3} = ?$

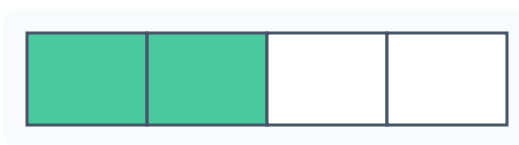


- ☐ $\frac{5}{6}$ ☐ $\frac{5}{7}$ ☐ $\frac{2}{5}$

7. Use the bars. Which is larger: $\frac{1}{7}$ or $\frac{1}{2}$?



8. The bar splits $\frac{1}{2}$ into 4 equal parts. How many parts are shaded?



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

- ☐ $\frac{6}{8}$ ☐ $\frac{8}{7}$ ☐ $\frac{5}{3}$ ☐ $\frac{4}{3}$



10. What is the least common denominator of 3 and 5?

11. $\frac{1}{2} - \frac{1}{3} = \underline{\hspace{1cm}}$ (write it over the LCD 6, e.g. n/6)

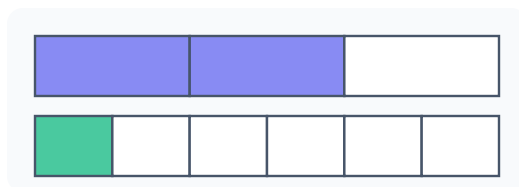
12. Rewrite $\frac{1}{3}$ with denominator 12: $\underline{\hspace{1cm}}/12$

13. To add $\frac{1}{3} + \frac{2}{3}$, do you need to find a common denominator first?

No

Yes

14. Use the bars to add: $\frac{2}{3} + \frac{1}{6} = ?$



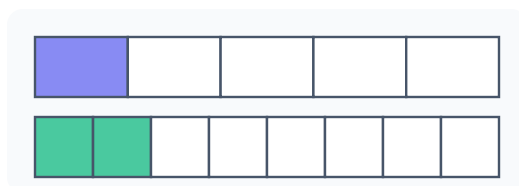
$\frac{3}{9}$

$\frac{5}{7}$

$\frac{5}{6}$



15. Use the bars. Which is larger: $\frac{1}{5}$ or $\frac{2}{8}$?



16. The bar splits $\frac{1}{3}$ into 24 equal parts. How many parts are shaded?



17. $\frac{1}{4} + \frac{1}{3} = ?$



18. What is the least common denominator of 3 and 2?



Answer Key

1. $\frac{7}{6}$ Common denominator 6: $\frac{3}{6} + \frac{4}{6} = \frac{7}{6} = \frac{7}{6}$.
2. **6** LCD of 2 and 6 is 6.
3. **$\frac{1}{4}$** LCD 4: $\frac{2}{4} - \frac{1}{4} = \frac{1}{4}$.
4. **8** Multiply top and bottom by 4: $\frac{2}{3} = \frac{8}{12}$.
5. **No** They already share denominator 2, so just add the numerators.
6. $\frac{5}{6}$ Rewrite over 6: $\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$.
7. $\frac{1}{2}$ $\frac{1}{7} = 0.14$, $\frac{1}{2} = 0.50$. The longer bar is larger.
8. **2** $\frac{1}{2} = \frac{2}{4}$ (multiply top and bottom by 2).
9. $\frac{4}{3}$ Common denominator 6: $\frac{5}{6} + \frac{3}{6} = \frac{8}{6} = \frac{4}{3}$.
10. **15** LCD of 3 and 5 is 15.
11. **$\frac{1}{6}$** LCD 6: $\frac{3}{6} - \frac{2}{6} = \frac{1}{6}$.
12. **4** Multiply top and bottom by 4: $\frac{1}{3} = \frac{4}{12}$.
13. **No** They already share denominator 3, so just add the numerators.
14. $\frac{5}{6}$ Rewrite over 6: $\frac{4}{6} + \frac{1}{6} = \frac{5}{6}$.
15. $\frac{2}{8}$ $\frac{1}{5} = 0.20$, $\frac{2}{8} = 0.25$. The longer bar is larger.
16. **8** $\frac{1}{3} = \frac{8}{24}$ (multiply top and bottom by 8).
17. $\frac{7}{12}$ Common denominator 12: $\frac{3}{12} + \frac{4}{12} = \frac{7}{12} = \frac{7}{12}$.
18. **6** LCD of 3 and 2 is 6.