



Name: _____

Date: _____

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

$\frac{5}{11}$

$\frac{9}{10}$

$\frac{27}{31}$

$\frac{10}{10}$

2. What is the least common denominator of 4 and 8?

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

4. Rewrite $\frac{2}{3}$ with denominator 6: $\underline{\hspace{1cm}}/6$

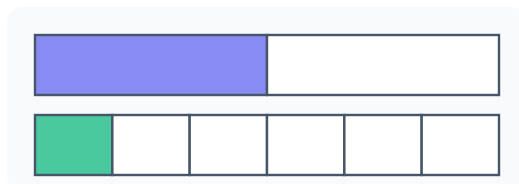
5. To add $\frac{1}{6} + \frac{3}{6}$, do you need to find a common denominator first?

No

Yes

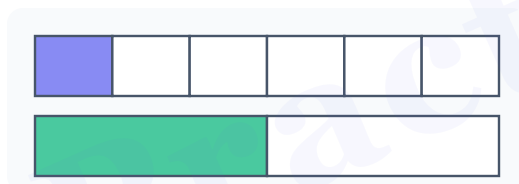


6. Use the bars to add: $\frac{1}{2} + \frac{1}{6} = ?$

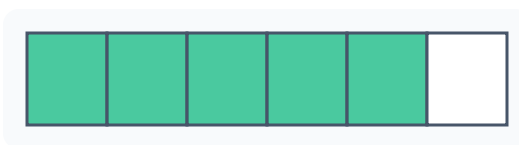


- ☐ $\frac{2}{8}$ ☐ $\frac{4}{7}$ ☐ $\frac{2}{3}$ ☐ $\frac{4}{6}$

7. Use the bars. Which is larger: $\frac{1}{6}$ or $\frac{1}{2}$?



8. The bar splits $\frac{5}{6}$ into 6 equal parts. How many parts are shaded?



9. $\frac{3}{6} + \frac{1}{4} = ?$

- ☐ $\frac{3}{4}$ ☐ $\frac{4}{10}$ ☐ $\frac{9}{13}$ ☐ $\frac{4}{4}$



10. What is the least common denominator of 6 and 5?

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

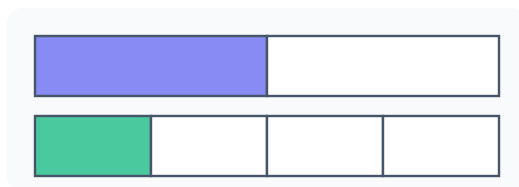
12. Rewrite $\frac{1}{2}$ with denominator 6: $\underline{\hspace{1cm}}/6$

13. To add $\frac{1}{4} + \frac{3}{4}$, do you need to find a common denominator first?

No

Yes

14. Use the bars to add: $\frac{1}{2} + \frac{1}{4} = ?$



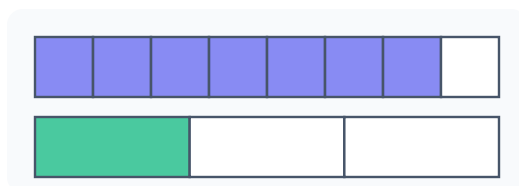
$\frac{3}{4}$

$\frac{3}{5}$

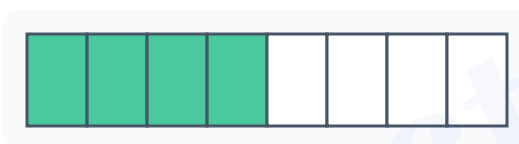
$\frac{2}{6}$



15. Use the bars. Which is larger: $\frac{7}{8}$ or $\frac{1}{3}$?



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



17. $\frac{2}{3} + \frac{2}{5} = ?$

☐ $\frac{17}{15}$ ☐ $\frac{4}{8}$ ☐ $\frac{16}{15}$ ☐ $\frac{16}{16}$

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



Answer Key

1. $\frac{9}{10}$ Common denominator 30: $12/30 + 15/30 = 27/30 = 9/10$.
2. **8** LCD of 4 and 8 is 8.
3. **1/6** LCD 6: $4/6 - 3/6 = 1/6$.
4. **4** Multiply top and bottom by 2: $2/3 = 4/6$.
5. **No** They already share denominator 6, so just add the numerators.
6. $\frac{2}{3}$ Rewrite over 6: $3/6 + 1/6 = 4/6 = 2/3$.
7. $\frac{1}{2}$ $1/6 = 0.17$, $1/2 = 0.50$. The longer bar is larger.
8. **5** $5/6 = 5/6$ (multiply top and bottom by 1).
9. $\frac{3}{4}$ Common denominator 12: $6/12 + 3/12 = 9/12 = 3/4$.
10. **30** LCD of 6 and 5 is 30.
11. **1/4** LCD 4: $3/4 - 2/4 = 1/4$.
12. **3** Multiply top and bottom by 3: $1/2 = 3/6$.
13. **No** They already share denominator 4, so just add the numerators.
14. $\frac{3}{4}$ Rewrite over 4: $2/4 + 1/4 = 3/4$.
15. $\frac{7}{8}$ $7/8 = 0.88$, $1/3 = 0.33$. The longer bar is larger.
16. **4** $1/2 = 4/8$ (multiply top and bottom by 4).
17. $\frac{16}{15}$ Common denominator 15: $10/15 + 6/15 = 16/15 = 16/15$.
18. **6** LCD of 6 and 2 is 6.