



Name: _____

Date: _____

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

$\frac{11}{11}$

$\frac{11}{10}$

$\frac{4}{7}$

$\frac{12}{10}$

2. What is the least common denominator of 4 and 5?

3. $\frac{1}{3} - \frac{1}{4} = \underline{\hspace{1cm}}$ (write it over the LCD 12, e.g. n/12)

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

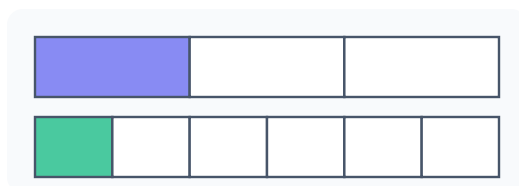
5. To add $\frac{1}{5} + \frac{3}{5}$, do you need to find a common denominator first?

No

Yes



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



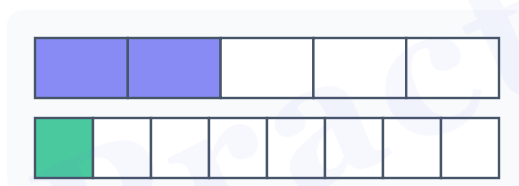
$\frac{3}{7}$

$\frac{2}{9}$

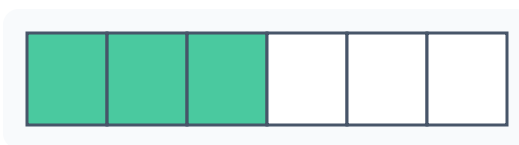
$\frac{3}{6}$

$\frac{1}{2}$

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



8. The bar splits $\frac{3}{6}$ into 6 equal parts. How many parts are shaded?



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

$\frac{6}{11}$

$\frac{11}{10}$

$\frac{33}{31}$

$\frac{12}{10}$



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

11. $\frac{4}{6} - \frac{1}{3} = \underline{\hspace{1cm}}$ (write it over the LCD 6, e.g. n/6)

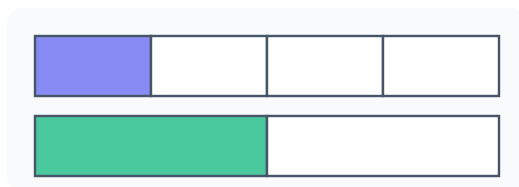
12. Rewrite $\frac{3}{5}$ with denominator 20: $\underline{\hspace{1cm}}/20$

13. To add $\frac{1}{7} + \frac{3}{7}$, do you need to find a common denominator first?

No

Yes

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



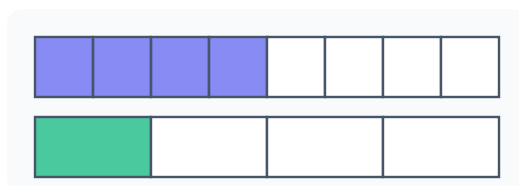
$\frac{2}{6}$

$\frac{3}{5}$

$\frac{3}{4}$



15. Use the bars. Which is larger: $\frac{4}{8}$ or $\frac{1}{4}$?



16. The bar splits $\frac{1}{4}$ into 12 equal parts. How many parts are shaded?



17. $\frac{4}{5} + \frac{5}{6} = ?$

☐ $\frac{50}{30}$ ☐ $\frac{49}{30}$ ☐ $\frac{49}{31}$ ☐ $\frac{9}{11}$

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



Answer Key

1. $\frac{11}{10}$ Common denominator 10: $5/10 + 6/10 = 11/10 = 11/10$.
2. **20** LCD of 4 and 5 is 20.
3. **1/12** LCD 12: $4/12 - 3/12 = 1/12$.
4. **2** Multiply top and bottom by 2: $1/2 = 2/4$.
5. **No** They already share denominator 5, so just add the numerators.
6. $\frac{1}{2}$ Rewrite over 6: $2/6 + 1/6 = 3/6 = 1/2$.
7. $\frac{2}{5}$ $2/5 = 0.40$, $1/8 = 0.13$. The longer bar is larger.
8. **3** $3/6 = 3/6$ (multiply top and bottom by 1).
9. $\frac{11}{10}$ Common denominator 30: $15/30 + 18/30 = 33/30 = 11/10$.
10. **4** LCD of 2 and 4 is 4.
11. **2/6** LCD 6: $4/6 - 2/6 = 2/6$ (which simplifies to $1/3$).
12. **12** Multiply top and bottom by 4: $3/5 = 12/20$.
13. **No** They already share denominator 7, so just add the numerators.
14. $\frac{3}{4}$ Rewrite over 4: $1/4 + 2/4 = 3/4$.
15. $\frac{4}{8}$ $4/8 = 0.50$, $1/4 = 0.25$. The longer bar is larger.
16. **3** $1/4 = 3/12$ (multiply top and bottom by 3).
17. $\frac{49}{30}$ Common denominator 30: $24/30 + 25/30 = 49/30 = 49/30$.
18. **4** LCD of 4 and 2 is 4.