



Name: _____

Date: _____

1. Which fraction is equivalent to $\frac{4}{6}$?

☐ $\frac{5}{6}$ ☐ $\frac{8}{12}$ ☐ $\frac{4}{8}$ ☐ $\frac{8}{6}$

2. $\frac{2}{9}$ - is it already simplest? Type the equivalent with denominator 18: 4/____

3. $\frac{1}{6} = \frac{2}{12}$ (type the missing numerator)

4. $\frac{2}{6} = \frac{4}{?}$ (type the missing denominator)

5. Are $\frac{2}{4}$ and $\frac{5}{8}$ equivalent?

☐ No ☐ Yes

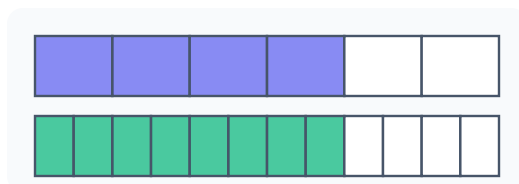
6. Is $\frac{6}{8}$ in simplest form?

☐ No ☐ Yes



7. Write $\frac{2}{10}$ in simplest form.

8. The two bars are the same size. If the top shows $\frac{4}{6}$, what equal fraction does the bottom show?



- ☐ $\frac{4}{12}$ ☐ $\frac{5}{12}$ ☐ $\frac{8}{6}$ ☐ $\frac{8}{12}$

9. What is $\frac{3}{12}$ in simplest form?



10. Which fraction is equivalent to $\frac{1}{5}$?

- ☐ $\frac{4}{5}$ ☐ $\frac{2}{5}$ ☐ $\frac{1}{9}$ ☐ $\frac{4}{20}$

11. $\frac{1}{7}$ - is it already simplest? Type the equivalent with denominator 14: 2/____



12. $\frac{4}{6} = \frac{?}{12}$ (type the missing numerator)

13. $\frac{1}{7} = \frac{3}{?}$ (type the missing denominator)

14. Are $\frac{1}{5}$ and $\frac{3}{10}$ equivalent?

No

Yes

15. Is $\frac{2}{3}$ in simplest form?

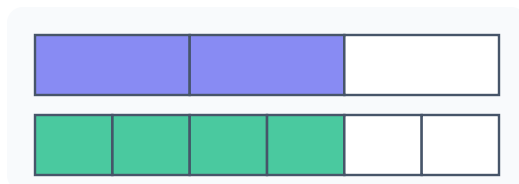
Yes

No

16. Write $\frac{2}{8}$ in simplest form.



17. The two bars are the same size. If the top shows $\frac{2}{3}$, what equal fraction does the bottom show?



$\frac{4}{6}$

$\frac{2}{6}$

$\frac{4}{3}$

$\frac{3}{6}$

18. What is $\frac{9}{12}$ in simplest form?





Answer Key

1. $\frac{8}{12}$ Multiply top and bottom by 2: $\frac{4}{6} = \frac{8}{12}$.
2. **18** $\frac{2}{9} = \frac{4}{18}$.
3. **2** Multiply top and bottom by 2: $\frac{1}{6} = \frac{2}{12}$.
4. **12** Multiply top and bottom by 2: $\frac{2}{6} = \frac{4}{12}$.
5. **No** $\frac{2}{4} = \frac{4}{8}$, not $\frac{5}{8}$.
6. **No** Both divide by 2: $\frac{6}{8} = \frac{3}{4}$.
7. $\frac{1}{5}$ Divide top and bottom by 2: $\frac{2}{10} = \frac{1}{5}$.
8. $\frac{8}{12}$ Splitting each part into 2 makes $\frac{4}{6} = \frac{8}{12}$.
9. $\frac{1}{4}$ Divide top and bottom by 3: $\frac{3}{12} = \frac{1}{4}$.
10. $\frac{4}{20}$ Multiply top and bottom by 4: $\frac{1}{5} = \frac{4}{20}$.
11. **14** $\frac{1}{7} = \frac{2}{14}$.
12. **8** Multiply top and bottom by 2: $\frac{4}{6} = \frac{8}{12}$.
13. **21** Multiply top and bottom by 3: $\frac{1}{7} = \frac{3}{21}$.
14. **No** $\frac{1}{5} = \frac{2}{10}$, not $\frac{3}{10}$.
15. **Yes** 2 and 3 share no common factor, so yes.
16. $\frac{1}{4}$ Divide top and bottom by 2: $\frac{2}{8} = \frac{1}{4}$.
17. $\frac{4}{6}$ Splitting each part into 2 makes $\frac{2}{3} = \frac{4}{6}$.
18. $\frac{3}{4}$ Divide top and bottom by 3: $\frac{9}{12} = \frac{3}{4}$.