



Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Which fraction is equivalent to  $\frac{4}{5}$ ?

☐  $\frac{16}{20}$    ☐  $\frac{16}{5}$    ☐  $\frac{4}{9}$    ☐  $\frac{5}{5}$

2.  $\frac{1}{6}$  - is it already simplest? Type the equivalent with denominator 12: 2/\_\_\_\_

3.  $\frac{4}{8} = \frac{2}{32}$  (type the missing numerator)

4.  $\frac{1}{3} = \frac{2}{?}$  (type the missing denominator)

5. Are  $\frac{1}{6}$  and  $\frac{2}{12}$  equivalent?

☐ No   ☐ Yes

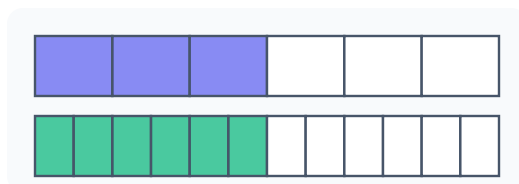
6. Is  $\frac{3}{9}$  in simplest form?

☐ Yes   ☐ No



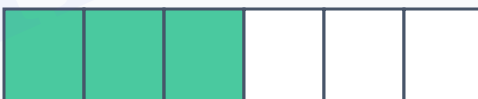
7. Write  $\frac{3}{6}$  in simplest form.

8. The two bars are the same size. If the top shows  $\frac{3}{6}$ , what equal fraction does the bottom show?



- ☐  $\frac{6}{12}$    ☐  $\frac{4}{12}$    ☐  $\frac{3}{12}$    ☐  $\frac{6}{6}$

9. What is  $\frac{3}{6}$  in simplest form?



10. Which fraction is equivalent to  $\frac{3}{6}$ ?

- ☐  $\frac{6}{6}$    ☐  $\frac{4}{6}$    ☐  $\frac{3}{8}$    ☐  $\frac{6}{12}$

11.  $\frac{3}{8}$  - is it already simplest? Type the equivalent with denominator 16: 6/\_\_\_



12.  $\frac{2}{5} = \frac{?}{15}$  (type the missing numerator)

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13.  $\frac{4}{8} = \frac{16}{?}$  (type the missing denominator)

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14. Are  $\frac{4}{6}$  and  $\frac{8}{12}$  equivalent?

No

Yes

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15. Is  $\frac{3}{5}$  in simplest form?

Yes

No

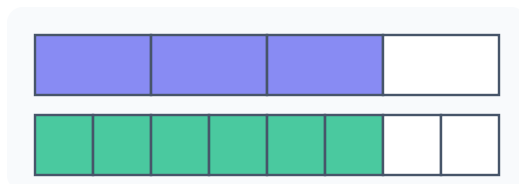
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16. Write  $\frac{3}{12}$  in simplest form.

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17. The two bars are the same size. If the top shows  $\frac{3}{4}$ , what equal fraction does the bottom show?



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

18. What is  $\frac{4}{6}$  in simplest form?





## Answer Key

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1.  $\frac{16}{20}$  Multiply top and bottom by 4:  $\frac{4}{5} = \frac{16}{20}$ .
2. **12**  $\frac{1}{6} = \frac{2}{12}$ .
3. **16** Multiply top and bottom by 4:  $\frac{4}{8} = \frac{16}{32}$ .
4. **6** Multiply top and bottom by 2:  $\frac{1}{3} = \frac{2}{6}$ .
5. **Yes**  $\frac{1}{6} \times \frac{2}{2} = \frac{2}{12}$ , which matches.
6. **No** Both divide by 3:  $\frac{3}{9} = \frac{1}{3}$ .
7.  $\frac{1}{2}$  Divide top and bottom by 3:  $\frac{3}{6} = \frac{1}{2}$ .
8.  $\frac{6}{12}$  Splitting each part into 2 makes  $\frac{3}{6} = \frac{6}{12}$ .
9.  $\frac{1}{2}$  Divide top and bottom by 3:  $\frac{3}{6} = \frac{1}{2}$ .
10.  $\frac{6}{12}$  Multiply top and bottom by 2:  $\frac{3}{6} = \frac{6}{12}$ .
11. **16**  $\frac{3}{8} = \frac{6}{16}$ .
12. **6** Multiply top and bottom by 3:  $\frac{2}{5} = \frac{6}{15}$ .
13. **32** Multiply top and bottom by 4:  $\frac{4}{8} = \frac{16}{32}$ .
14. **Yes**  $\frac{4}{6} \times \frac{2}{2} = \frac{8}{12}$ , which matches.
15. **Yes** 3 and 5 share no common factor, so yes.
16.  $\frac{1}{4}$  Divide top and bottom by 3:  $\frac{3}{12} = \frac{1}{4}$ .
17.  $\frac{6}{8}$  Splitting each part into 2 makes  $\frac{3}{4} = \frac{6}{8}$ .
18.  $\frac{2}{3}$  Divide top and bottom by 2:  $\frac{4}{6} = \frac{2}{3}$ .