

Equivalent Fractions with missing numerators & denominators

Grade 3 Fractions Worksheet

Date: _____

Name: _____

LET'S MAKE LEARNING FRACTIONS FUN

Complete the following equivalent fractions.

1. $\frac{1}{\square} = \frac{10}{20}$

2. $\frac{16}{25} = \frac{80}{\square}$

3. $\frac{6}{7} = \frac{\square}{42}$

4. $\frac{\square}{8} = \frac{42}{56}$

5. $\frac{45}{100} = \frac{\square}{800}$

6. $\frac{6}{\square} = \frac{54}{63}$

7. $\frac{\square}{3} = \frac{18}{27}$

8. $\frac{1}{3} = \frac{\square}{30}$

9. $\frac{7}{\square} = \frac{35}{250}$

10. $\frac{1}{3} = \frac{2}{\square}$

11. $\frac{\square}{100} = \frac{282}{600}$

12. $\frac{2}{3} = \frac{\square}{30}$

13. $\frac{1}{2} = \frac{10}{\square}$

14. $\frac{3}{\square} = \frac{21}{28}$

15. $\frac{30}{50} = \frac{300}{\square}$

16. $\frac{38}{\square} = \frac{342}{450}$

17. $\frac{1}{\square} = \frac{8}{16}$

18. $\frac{\square}{100} = \frac{486}{600}$

19. $\frac{2}{7} = \frac{8}{\square}$

20. $\frac{71}{100} = \frac{639}{\square}$

21. $\frac{5}{\square} = \frac{10}{12}$

Equivalent Fractions with missing numerators & denominators

<p>1. $\frac{1}{\boxed{2}} = \frac{10}{20}$</p> <p>2. $\frac{16}{25} = \frac{80}{\boxed{125}}$</p> <p>3. $\frac{6}{7} = \frac{\boxed{36}}{42}$</p> <p>4. $\frac{\boxed{6}}{8} = \frac{42}{56}$</p> <p>5. $\frac{45}{100} = \frac{\boxed{360}}{800}$</p> <p>6. $\frac{6}{\boxed{7}} = \frac{54}{63}$</p> <p>7. $\frac{\boxed{2}}{3} = \frac{18}{27}$</p>	<p>8. $\frac{1}{3} = \frac{\boxed{10}}{30}$</p> <p>9. $\frac{7}{\boxed{50}} = \frac{35}{250}$</p> <p>10. $\frac{1}{3} = \frac{2}{\boxed{6}}$</p> <p>11. $\frac{\boxed{47}}{100} = \frac{282}{600}$</p> <p>12. $\frac{2}{3} = \frac{\boxed{20}}{30}$</p> <p>13. $\frac{1}{2} = \frac{10}{\boxed{20}}$</p> <p>14. $\frac{3}{\boxed{4}} = \frac{21}{28}$</p>	<p>15. $\frac{30}{50} = \frac{300}{\boxed{500}}$</p> <p>16. $\frac{38}{\boxed{50}} = \frac{342}{450}$</p> <p>17. $\frac{1}{\boxed{2}} = \frac{8}{16}$</p> <p>18. $\frac{\boxed{81}}{100} = \frac{486}{600}$</p> <p>19. $\frac{2}{7} = \frac{8}{\boxed{28}}$</p> <p>20. $\frac{71}{100} = \frac{639}{\boxed{900}}$</p> <p>21. $\frac{5}{\boxed{6}} = \frac{10}{12}$</p>
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For example. Given: $\frac{1}{3} = \frac{\square}{30}$

To write the missing numerator, we find the equivalent fraction of $\frac{1}{3}$ with denominator 30.

We observed that, by multiplying 3 by 10, we get denominator 30.

So, we multiply both the numerator and the denominator by 10, to get:

$$\frac{1 \times 10}{3 \times 10} = \frac{\boxed{10}}{30}$$

Then, the missing numerator is **10**.