

Student Name:

Date:

Due Date:

Grade:

Start Time:

End Time:

Comments:

1.

If you cut a square into 3 unequal parts, why is it incorrect to say that each part represents $\frac{1}{3}$?
2.

How many $\frac{1}{8}$ pieces do you need to combine together to make exactly one whole?

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3.

Write a fraction that represents "5 over 6" and explain what its numerator tells us.

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4.

Show the fraction $\frac{3}{5}$ in two different ways (such as using a shape model and a number line).

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5.

Why does multiplying both the numerator and the denominator of a fraction by 2 create an equivalent fraction?

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6.

If a fraction's numerator is 9, what must the denominator be for the fraction to equal exactly $\frac{1}{2}$?

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1. Find the missing number to make the fractions equivalent: $\frac{1}{2} = \frac{\square}{10}$.

2. Find the missing number to make the fractions equivalent: $\frac{3}{4} = \frac{9}{\square}$.

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3. Are the fractions $\frac{2}{3}$ and $\frac{6}{9}$ equivalent? Write yes or no.

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4. Multiply the numerator and denominator of $\frac{4}{5}$ by 2 to find an equivalent fraction.

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5. Generate an equivalent fraction for $\frac{3}{7}$ by multiplying both the numerator and denominator by 3.

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6. Which of the following fractions is equivalent to $\frac{1}{3}$? Choose from: $\frac{2}{5}$, $\frac{3}{9}$, or $\frac{4}{10}$.

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7. Write the fraction $\frac{6}{8}$ in simplest form.

8. Simplify the fraction $\frac{10}{15}$ to its lowest terms.

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9. Reduce the fraction $\frac{12}{18}$ to its simplest form.

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10. Simplify the fraction $\frac{25}{50}$ to its simplest form.

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11. Write a fraction equivalent to $\frac{3}{4}$ that has a denominator of 12.

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12. If a fraction is equivalent to $\frac{1}{2}$ and its denominator is 24, what is its numerator?

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13. Compare the fractions using $<$, $>$, or $=$: $\frac{3}{7}$ --- $\frac{5}{7}$.

14. Compare the fractions using $<$, $>$, or $=$: $\frac{2}{5}$ --- $\frac{2}{3}$.

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15. Determine if the fraction $\frac{4}{10}$ is less than, greater than, or equal to $\frac{1}{2}$.

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16. Determine if the fraction $\frac{7}{12}$ is less than, greater than, or equal to $\frac{1}{2}$.

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17. Find $\frac{1}{2}$ of the whole number 16.

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18. Find $\frac{1}{3}$ of the whole number 15.

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