



# Equivalent Fractions & Comparing

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

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

Grade: Grade 4

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:  $\frac{8}{10}$  and  $\frac{3}{5}$  are not equivalent because they have different denominators.

Rewrite: \_\_\_\_\_

2. Fix the sentence:  $\frac{1}{3}$  is greater than  $\frac{1}{2}$  because 3 is greater than 2.

Rewrite: \_\_\_\_\_

3. Fix the sentence: An equivalent fraction for  $\frac{3}{7}$  is  $\frac{9}{14}$ .

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1.  $\frac{3}{8} = \frac{9}{\quad}$ .

2.  $\frac{14}{21}$  in simplest form is \_\_\_\_\_.

3. The GCF of 6 and 9 is \_\_\_\_\_.

4.  $\frac{5}{6} = \frac{\quad}{18}$ .

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. How can you tell which is greater,  $\frac{2}{5}$  or  $\frac{3}{10}$ , without a calculator?

\_\_\_\_\_  
\_\_\_\_\_

2. Why does dividing both parts of a fraction by the same number give an equivalent fraction?

\_\_\_\_\_  
\_\_\_\_\_

## Answer Key · Equivalent Fractions & Comparing · Grade: Grade 4

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### Part A: Fix the Sentence

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Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:  $\frac{8}{10}$  and  $\frac{3}{5}$  are not equivalent because they have different denominators.

Rewrite:  $\frac{8}{10}$  and  $\frac{3}{5}$  are not equivalent because  $\frac{8}{10}$  simplifies to  $\frac{4}{5}$ , not  $\frac{3}{5}$ .

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2. Fix the sentence:  $\frac{1}{3}$  is greater than  $\frac{1}{2}$  because 3 is greater than 2.

Rewrite:  $\frac{1}{3}$  is less than  $\frac{1}{2}$  because when the numerator is the same, the fraction with the smaller denominator is larger.

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3. Fix the sentence: An equivalent fraction for  $\frac{3}{7}$  is  $\frac{9}{14}$ .

Rewrite: An equivalent fraction for  $\frac{3}{7}$  is  $\frac{9}{21}$  because you multiply both 3 and 7 by 3.

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

1.  $\frac{3}{8} = \frac{9}{\underline{24}}$ .

2.  $\frac{14}{21}$  in simplest form is  $\frac{\underline{2}}{\underline{3}}$ .

3. The GCF of 6 and 9 is  $\underline{3}$ .

4.  $\frac{5}{6} = \frac{\underline{15}}{\underline{18}}$ .

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. How can you tell which is greater,  $\frac{2}{5}$  or  $\frac{3}{10}$ , without a calculator?

Rewrite  $\frac{2}{5}$  as  $\frac{4}{10}$ . Since  $\frac{4}{10}$  is greater than  $\frac{3}{10}$ , the fraction  $\frac{2}{5}$  is greater.

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2. Why does dividing both parts of a fraction by the same number give an equivalent fraction?

Dividing the numerator and denominator by the same number is the same as dividing by 1, so the fraction keeps the same value.

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