

Unit Fractions (Worksheet 1)

Fill in the Blank: Fill in the blank with the correct word.

1. A unit fraction always has a _____ as its numerator.
2. The denominator of a unit fraction tells us how many _____ the whole is divided into.
3. The fraction $\frac{1}{5}$ is a unit fraction because the numerator is _____.
4. In the fraction $\frac{1}{8}$, the denominator is _____.
5. A unit fraction shows _____ part of the whole.
6. In $\frac{1}{3}$, the numerator is _____ and the denominator is _____.
7. The fraction $\frac{1}{2}$ means the whole is split into _____ equal parts and we have _____ of them.
8. Every unit fraction has a numerator of _____ and a denominator that is a _____ number.

Word Bank:

1, one, equal parts, 8, 3, 2, one, whole, numerator, denominator, two, one, whole number

Multiple Choice Questions: Choose the correct answer.

1. Which of the following is a unit fraction?
a) $\frac{2}{3}$ b) $\frac{1}{6}$ c) $\frac{3}{4}$ d) $\frac{2}{5}$
 2. What is the numerator in the unit fraction $\frac{1}{7}$?
a) 7 b) 0 c) 1 d) 2
 3. Which of these is NOT a unit fraction?
a) $\frac{1}{2}$ b) $\frac{1}{9}$ c) $\frac{2}{7}$ d) $\frac{1}{10}$
 4. In the fraction $\frac{1}{3}$, how many equal parts is the whole divided into?
a) 1 b) 2 c) 3 d) 4
 5. If you divide a pizza into 6 equal slices and take one, what unit fraction of the pizza did you take?
a) $\frac{1}{6}$ b) $\frac{1}{5}$ c) $\frac{6}{1}$ d) $\frac{5}{1}$
 6. Which of these is a unit fraction for a whole split into 12 parts?
a) $\frac{1}{10}$ b) $\frac{1}{12}$ c) $\frac{1}{2}$ d) $\frac{1}{3}$
 7. What is the denominator in the unit fraction $\frac{1}{9}$?
a) 1 b) 9 c) 0 d) 10
 8. Which fraction is NOT a unit fraction?
a) $\frac{1}{4}$ b) $\frac{1}{1}$ c) $\frac{2}{5}$ d) $\frac{1}{10}$
-

Open-Ended Questions: Answer in complete sentences.

1. Describe what a unit fraction is and give an example.
2. If you have a chocolate bar divided into 4 equal pieces and eat one piece, what unit fraction did you eat?
3. Why do you think unit fractions are important when learning about fractions?

Unit Fractions (Worksheet 2)

Fill in the blank with the correct words.

1. In a unit fraction, the numerator is always _____.
2. The denominator in a unit fraction tells you how many _____ the whole is split into.
3. The fraction $\frac{1}{10}$ is a unit fraction because it has a numerator of _____.
4. If a pizza is cut into 6 equal slices, each slice is $\frac{1}{6}$ of the pizza, which is a _____ fraction.
5. The fraction $\frac{1}{2}$ shows _____ out of two equal parts.
6. A unit fraction always has the number _____ on top.
7. In the fraction $\frac{1}{9}$, the number 9 is the _____.
8. $\frac{1}{100}$ is a unit fraction because the numerator is _____.

Word Bank: denominator, one, equal parts, unit, 1, one, 1, one

Multiple Choice Questions: Choose the correct answer.

1. Which of these is a unit fraction?
a) $\frac{3}{4}$ b) $\frac{1}{8}$ c) $\frac{2}{5}$ d) $\frac{4}{6}$
 2. What does the denominator in $\frac{1}{12}$ tell you?
a) You have 1 out of 12 equal parts
b) You have 12 whole things
c) The whole is split into 12 equal parts
d) The numerator is 12
 3. Which fraction is NOT a unit fraction?
a) $\frac{1}{3}$ b) $\frac{1}{20}$ c) $\frac{3}{9}$ d) $\frac{1}{100}$
 4. If you color one part out of 7 equal parts, what unit fraction do you have?
a) $\frac{1}{7}$ b) $\frac{7}{1}$ c) $\frac{1}{6}$ d) $\frac{7}{7}$
 5. What is the numerator in $\frac{1}{15}$?
a) 1 b) 15 c) 0 d) 5
 6. Which of these is a unit fraction for a whole split into 24 equal parts?
a) $\frac{1}{24}$ b) $\frac{2}{24}$ c) $\frac{1}{12}$ d) $\frac{2}{12}$
 7. If you cut a sandwich into 5 equal pieces and eat one, what fraction did you eat?
a) $\frac{1}{4}$ b) $\frac{4}{5}$ c) $\frac{1}{5}$ d) $\frac{5}{1}$
 8. Which of the following is NOT a unit fraction?
a) $\frac{1}{2}$ b) $\frac{1}{4}$ c) $\frac{3}{3}$ d) $\frac{1}{9}$
-

Open-Ended Questions: Answer in complete sentences.

1. Draw a square and show how to partition it into quarters.
2. Why do we try to make all parts equal when partitioning a shape?
3. How would you divide a rectangle into eighths? Explain or draw.

Unit Fractions (Worksheet 3)

Fill in the Blank: Fill in the blank with the correct word.

1. In a unit fraction, the numerator is always _____.
2. The denominator in a unit fraction tells you how many _____ the whole is split into.
3. The fraction $\frac{1}{10}$ is a unit fraction because it has a numerator of _____.
4. If a pizza is cut into 6 equal slices, each slice is $\frac{1}{6}$ of the pizza, which is a _____ fraction.
5. The fraction $\frac{1}{2}$ shows _____ out of two equal parts.
6. A unit fraction always has the number _____ on top.
7. In the fraction $\frac{1}{9}$, the number 9 is the _____.
8. $\frac{1}{100}$ is a unit fraction because the numerator is _____.

Word Bank:

denominator, one, equal parts, unit, 1, one, 1, one

Multiple Choice Questions: Choose the correct answer.

1. Which of these is a unit fraction?
a) $\frac{3}{4}$ b) $\frac{1}{8}$ c) $\frac{2}{5}$ d) $\frac{4}{6}$
 2. What does the denominator in $\frac{1}{12}$ tell you?
a) You have 1 out of 12 equal parts b) You have 12 whole things c) The whole is split into 12 equal parts d) The numerator is 12
 3. Which fraction is NOT a unit fraction?
a) $\frac{1}{3}$ b) $\frac{1}{20}$ c) $\frac{3}{9}$ d) $\frac{1}{100}$
 4. If you color one part out of 7 equal parts, what unit fraction do you have?
a) $\frac{1}{7}$ b) $\frac{7}{1}$ c) $\frac{1}{6}$ d) $\frac{7}{7}$
 5. What is the numerator in $\frac{1}{15}$?
a) 1 b) 15 c) 0 d) 5
 6. Which of these is a unit fraction for a whole split into 24 equal parts?
a) $\frac{1}{24}$ b) $\frac{2}{24}$ c) $\frac{1}{12}$ d) $\frac{2}{12}$
 7. If you cut a sandwich into 5 equal pieces and eat one, what fraction did you eat?
a) $\frac{1}{4}$ b) $\frac{4}{5}$ c) $\frac{1}{5}$ d) $\frac{5}{1}$
 8. Which of the following is NOT a unit fraction?
a) $\frac{1}{2}$ b) $\frac{1}{4}$ c) $\frac{3}{3}$ d) $\frac{1}{9}$
-

Open-Ended Questions: Answer in complete sentences.

1. What does a unit fraction show us about a whole?
2. Draw a rectangle and shade $\frac{1}{6}$ of it. Describe what you did.
3. Explain in your own words how you know if a fraction is a unit fraction.

Unit Fractions (Worksheet 4)

Fill in the Blank: Fill in the blank with the correct word.

1. The numerator of a unit fraction is always _____.
2. The denominator in $\frac{1}{4}$ is _____.
3. $\frac{1}{3}$ is a unit fraction because its numerator is _____.
4. The fraction $\frac{1}{2}$ means the whole is divided into _____ equal parts.
5. In a unit fraction, the denominator can be any _____ number greater than 1.
6. $\frac{1}{7}$ represents one part out of _____ equal parts.
7. The top number in $\frac{1}{12}$ is called the _____.
8. $\frac{1}{6}$ is a unit fraction because we are talking about _____ out of six equal parts.

Word Bank:

1, 4, numerator, one, whole, 7, two, whole number

Multiple Choice Questions: Choose the correct answer.

1. Which of the following is a unit fraction?
a) $\frac{2}{3}$ b) $\frac{3}{5}$ c) $\frac{1}{9}$ d) $\frac{4}{4}$
 2. What is the numerator in $\frac{1}{11}$?
a) 1 b) 11 c) 0 d) 2
 3. In the fraction $\frac{1}{5}$, what does the denominator tell us?
a) How many parts you have
b) How many equal parts the whole is split into
c) How many wholes you have
d) How much is left
 4. Which fraction is NOT a unit fraction?
a) $\frac{1}{4}$ b) $\frac{2}{4}$ c) $\frac{1}{8}$ d) $\frac{1}{100}$
 5. If you divide a pie into 10 equal pieces and take one, what unit fraction do you have?
a) $\frac{11}{101}$ b) $\frac{1}{10}$ c) $\frac{1}{9}$ d) $\frac{9}{10}$
 6. Which of the following is a unit fraction with a denominator of 5?
a) $\frac{5}{5}$ b) $\frac{1}{5}$ c) $\frac{1}{4}$ d) $\frac{5}{1}$
 7. What is the denominator in $\frac{1}{2}$?
a) 1 b) 2 c) 3 d) 0
 8. Which fraction shows one part out of six?
a) $\frac{1}{3}$ b) $\frac{6}{6}$ c) $\frac{1}{6}$ d) $\frac{3}{6}$
-

Open-Ended Questions: Answer in complete sentences.

4. What does a unit fraction show us about a whole?
5. Draw a rectangle and shade $\frac{1}{6}$ of it. Describe what you did.
6. Explain in your own words how you know if a fraction is a unit fraction.

Unit Fractions (Worksheet 5)

Fill in the Blank: Fill in the blank with the correct word.

1. The fraction $\frac{1}{20}$ is a unit fraction because its numerator is _____.
2. In the unit fraction $\frac{1}{2}$, the denominator is _____.
3. A unit fraction always shows _____ part out of the whole.
4. The denominator in $\frac{1}{15}$ tells us the whole is split into _____ equal parts.
5. $\frac{1}{4}$ is a unit fraction because the numerator is _____ and the denominator is _____.
6. In the fraction $\frac{1}{17}$, the number 17 is called the _____.
7. The smallest unit fraction is _____.
8. A unit fraction can never have a numerator greater than _____.

Word Bank:

one, 1, denominator, 2, 4, 15, 17, 1

Multiple Choice Questions: Choose the correct answer.

1. Which of the following is NOT a unit fraction?
a) $\frac{1}{5}$ b) $\frac{2}{5}$ c) $\frac{1}{12}$ d) $\frac{1}{100}$
 2. What is the denominator in $\frac{1}{7}$?
a) 1 b) 7 c) 17 d) 0
 3. Which unit fraction is the largest?
a) $\frac{1}{2}$ b) $\frac{1}{10}$ c) $\frac{1}{5}$ d) $\frac{1}{8}$
 4. Which unit fraction would you use to show one piece of a pizza cut into 3 equal slices?
a) $\frac{1}{3}$ b) $\frac{1}{4}$ c) $\frac{1}{6}$ d) $\frac{1}{8}$
 5. If you share one chocolate bar with 9 friends and everyone gets an equal piece, what unit fraction does each get?
a) $\frac{1}{10}$ b) $\frac{1}{8}$ c) $\frac{1}{9}$ d) $\frac{1}{12}$
 6. The top number in a unit fraction is always
a) 2 b) 0 c) 1 d) 3
 7. Which of the following fractions is a unit fraction?
a) $\frac{2}{7}$ b) $\frac{1}{1}$ c) $\frac{3}{3}$ d) $\frac{2}{2}$
 8. What does $\frac{1}{100}$ mean?
a) One part out of one hundred equal parts
b) One hundred parts out of one
c) One hundred whole things
d) Ten parts out of one hundred
-

Open-Ended Questions: Answer in complete sentences.

1. How would you explain a unit fraction to a friend who has never heard of it before?
2. Draw a rectangle, divide it into 4 equal parts, and shade $\frac{1}{4}$.

Unit Fractions (Worksheet 6)

Fill in the Blank: Fill in the blank with the correct word.

1. The fraction $\frac{1}{9}$ is a unit fraction because the _____ is 1.
2. In $\frac{1}{5}$, the denominator is _____.
3. $\frac{1}{3}$ means one out of _____ equal parts.
4. A unit fraction always represents _____ piece of the whole.
5. The number at the bottom of a fraction is called the _____.
6. In the fraction $\frac{1}{18}$, the whole is split into _____ equal parts.
7. $\frac{1}{2}$ is a unit fraction because it means one out of _____ equal parts.

Word Bank:

5, numerator, 3, 1, 18, denominator, 2

Multiple Choice Questions: Choose the correct answer.

1. Which of these is a unit fraction?
a) $\frac{2}{3}$ b) $\frac{1}{4}$ c) $\frac{3}{4}$ d) $\frac{2}{5}$
 2. What does the numerator in $\frac{1}{12}$ mean?
a) The whole is split into 12 pieces
b) You have one of the 12 equal parts
c) You have twelve pieces
d) You have all the pieces
 3. Which unit fraction shows one part out of six?
a) $\frac{6}{6}$ b) $\frac{1}{5}$ c) $\frac{1}{6}$ d) $\frac{5}{6}$
 4. If you cut a sandwich into 8 equal pieces and eat one, what fraction did you eat?
a) $\frac{1}{8}$ b) $\frac{8}{1}$ c) $\frac{1}{7}$ d) $\frac{7}{8}$
 5. Which of the following is NOT a unit fraction?
a) $\frac{1}{15}$ b) $\frac{1}{100}$ c) $\frac{2}{2}$ d) $\frac{1}{2}$
 6. In the fraction $\frac{1}{21}$, what is the denominator?
a) 1 b) 2 c) 20 d) 21
 7. If you shade one piece out of 10 equal parts, which fraction do you have?
a) $\frac{10}{11}$ b) $\frac{1}{10}$ c) $\frac{1}{9}$ d) $\frac{9}{10}$
 8. Which fraction is a unit fraction?
a) $\frac{3}{3}$ b) $\frac{1}{50}$ c) $\frac{2}{10}$ d) $\frac{3}{4}$
-

Open-Ended Questions: Answer in complete sentences.

1. Give an example from your life where you might use a unit fraction.
2. What does the denominator in a unit fraction tell you?
3. Can a unit fraction ever be equal to 1? If so, when?