



**THIRD SPACE  
LEARNING**

# Numerator and Denominator Worksheet

Number and Quantity

**Grades 4 to 5**

## Skill Questions

Name: .....

Date: .....

- 1 In the fraction  $\frac{5}{6}$ , what does the denominator represent?

Answer

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- 2 In the fraction  $\frac{5}{6}$ , what does the numerator represent?

Answer

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- 3 Write the fraction that represents a rectangle divided into four equal parts where two parts are shaded.

Answer

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- 4 Write the fraction that represents a circle divided into eight equal parts where one part is shaded.

Answer

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- 5 Write the fraction that represents a rectangle divided into five equal parts where three parts are shaded.

Answer

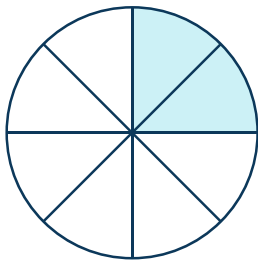
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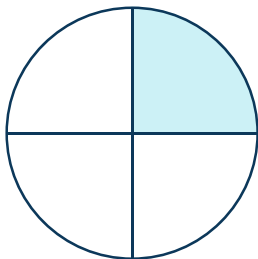
## Numerator and Denominator Worksheet | Grades 4 to 5

- 6 Identify the numerator and denominator of the fraction that represents this model.



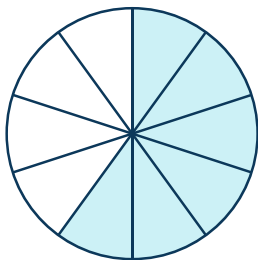
Answer

- 7 Identify the numerator and denominator of the fraction that represents this model.



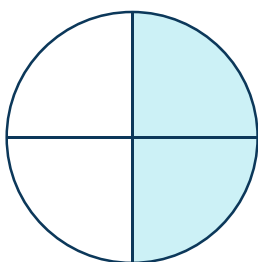
Answer

- 8 Identify the numerator and denominator of the fraction that represents this model.



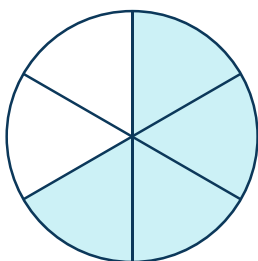
Answer

- 9 Identify the numerator and denominator of the fraction that represents this model.



Answer

- 10 Identify the numerator and denominator of the fraction that represents this model.



Answer

## Applied Questions

- 11** Maria has a rectangular garden. She divides  $\frac{3}{5}$  of the garden for vegetables and  $\frac{2}{5}$  for flowers. What part of the garden is dedicated to each, and how many parts does she have in total?

Answer

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- 12** Mrs. Rodriguez has a box of chocolates. She gives  $\frac{3}{5}$  of the chocolates to one student and  $\frac{2}{5}$  to another. How many chocolates did she give away in total?

Answer

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- 13** Michael has a pizza cut into 8 slices. He gives  $\frac{3}{8}$  of the pizza to one friend and  $\frac{5}{8}$  of the pizza to another friend. How much pizza did Michael give away?

Answer

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## Numerator and Denominator Worksheet | Grades 4 to 5

- 14** Mrs. Smith has a basket of apples. She gives  $\frac{3}{4}$  of the apples to one student and  $\frac{1}{4}$  to another. If there were 20 apples in the basket, how many apples did Mrs. Smith give away?

Answer

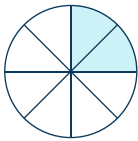
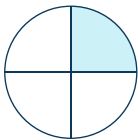
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- 15** Mr. Johnson has a jar of candy. He gives  $\frac{2}{3}$  of the candy to one student and  $\frac{1}{3}$  to another. If there were 24 candies in the jar, how much candy did Mr. Johnson give away in total?

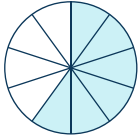
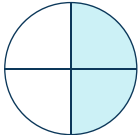
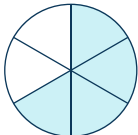
Answer

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# Answers

Question number	Question	Answers	Standard
1	In the fraction $\frac{5}{6}$ , what does the denominator represent?	The denominator represents 6 equal parts that make up a whole.	4.NF.A.1
2	In the fraction $\frac{5}{6}$ , what does the numerator represent?	The numerator represents 5 out of the 6 equal parts that make up a whole.	4.NF.A.1
3	Write the fraction that represents a rectangle divided into four equal parts where two parts are shaded.	$\frac{2}{4}$	4.NF.A.1
4	Write the fraction that represents a circle divided into eight equal parts where one part is shaded.	$\frac{1}{8}$	4.NF.A.1
5	Write the fraction that represents a rectangle divided into five equal parts where three parts are shaded.	$\frac{3}{5}$	4.NF.A.1
6	Identify the numerator and denominator of the fraction that represents this model. 	The numerator is 2. The denominator is 8.	4.NF.B.3b
7	Identify the numerator and denominator of the fraction that represents this model. 	The numerator is 1. The denominator is 4.	4.NF.B.3b

## Numerator and Denominator Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
8	<p>Identify the numerator and denominator of the fraction that represents this model.</p> 	<p>The numerator is 6. The denominator is 10.</p>	4.NF.B.3b
9	<p>Identify the numerator and denominator of the fraction that represents this model.</p> 	<p>The numerator is 2. The denominator is 4.</p>	4.NF.B.3b
10	<p>Identify the numerator and denominator of the fraction that represents this model.</p> 	<p>The numerator is 4. The denominator is 6.</p>	4.NF.B.3b
11	<p>Maria has a rectangular garden. She divides <math>\frac{3}{5}</math> of the garden for vegetables and <math>\frac{2}{5}</math> for flowers. What part of the garden is dedicated to each, and how many parts does she have in total?</p>	<p>Three parts of the garden are for vegetables and two parts are for flowers. There are 5 parts in total.</p>	4.NF.A.1
12	<p>Mrs. Rodriguez has a box of chocolates. She gives <math>\frac{2}{5}</math> of the chocolates to one student and <math>\frac{2}{5}</math> to another. How many chocolates did she give away in total?</p>	<p>She gave <math>\frac{5}{5}</math> pieces, or one box of chocolate, away in total.</p>	4.NF.A.1

## Numerator and Denominator Worksheet | Grades 4 to 5 | Answers




Question number	Question	Answers	Standard
13	Michael has a pizza cut into 8 slices. He gives $\frac{3}{8}$ of the pizza to one friend and $\frac{5}{8}$ of the pizza to another friend. How much pizza did Michael give away?	He gave away $\frac{8}{8}$ , or one pizza, away in total.	4.NF.A.1
14	Mrs. Smith has a basket of apples. She gives $\frac{3}{4}$ of the apples to one student and $\frac{1}{4}$ to another. If there were 20 apples in the basket, how many apples did Mrs. Smith give away?	She gave away $\frac{4}{4}$ , or 20 apples.	4.NF.B.3b
15	Mr. Johnson has a jar of candy. He gives $\frac{2}{3}$ of the candy to one student and $\frac{1}{3}$ to another. If there were 24 candies in the jar, how much candy did Mr. Johnson give away in total?	He gave away $\frac{3}{3}$ , or 24 candies.	4.NF.B.3b

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