Comparing Fractions Worksheet

Number and Quantity
4.NF.A.2

Grades 4 to 5

Name: ....

Date: ....

Skill Questions

1   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{1}{2}$ $\frac{1}{3}$

Answer

2   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{1}{9}$ $\frac{1}{8}$

Answer

3   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{1}{10}$ $\frac{2}{10}$

Answer

4   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{9}{8}$ $\frac{7}{8}$

Answer

5   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{7}{8}$ $\frac{4}{8}$

Answer

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6   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{2}{9}$ $\frac{3}{7}$

Answer

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7   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{2}{3}$ $\frac{1}{2}$

Answer

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8   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{1}{5}$ $\frac{3}{10}$

Answer

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9   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{11}{12}$ $\frac{3}{4}$

Answer

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10   Use the correct symbol <, >, or = to show how the fractions compare.

$\frac{1}{5}$ $\frac{2}{11}$

Answer

Applied Questions

11 In a class, $\frac{7}{9}$ of the students are girls, and $\frac{14}{63}$ are boys. Are there more boys or girls in the class?

Answer

12 A rugby team wins $\frac{3}{8}$ of their matches in a season. The same team loses $\frac{1}{3}$ of their matches. Show that the team wins more matches than they lose.

Answer

13 Which of the following fractions is nearest to $\frac{9}{10}$? Show your work.

$\frac{5}{8}$ $\frac{3}{4}$ $\frac{11}{20}$ $\frac{3}{5}$

Answer

14 Janine's annual salary increases by $\frac{3}{7}$

Lawton's annual salary increases by $\frac{2}{5}$

Janine says her salary will increase by more money than Lawton's.

Explain why she may not be correct.

Answer

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15 Martin eats $\frac{4}{5}$ of a pizza.

Carla eats $\frac{3}{4}$ of a pizza.

Graham eats $\frac{7}{8}$ of a pizza.

Trevor eats $\frac{5}{6}$ of a pizza.

Which person eats the most pizza?

Show your work.

Answer

Answers

Question number	Question	Answers	Standard
1	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{1}{2}$ $\frac{1}{3}$	>	4.NF.A.2
2	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{1}{9}$ $\frac{1}{8}$	<	4.NF.A.2
3	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{1}{10}$ $\frac{2}{10}$	<	4.NF.A.2
4	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{9}{8}$ $\frac{7}{8}$	>	4.NF.A.2
5	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{7}{8}$ $\frac{4}{8}$	>	4.NF.A.2
6	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{2}{9}$ $\frac{3}{7}$	<	4.NF.A.2
7	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{2}{3}$ $\frac{1}{2}$	>	4.NF.A.2
8	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{1}{5}$ $\frac{3}{10}$	<	4.NF.A.2
9	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{11}{12}$ $\frac{3}{4}$	>	4.NF.A.2

Comparing Fractions Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
10	Use the correct symbol <, >, or = to show how the fractions compare. $\frac{1}{5}$ $\frac{2}{11}$	>	4.NF.A.2
11	In a class, $\frac{7}{9}$ of the students are girls, and $\frac{14}{63}$ are boys. Are there more boys or girls in the class?	$\frac{7}{9} = \frac{49}{63}$ $\frac{49}{63} > \frac{14}{63}$ There are more girls.	4.NF.A.2
12	A rugby team wins $\frac{3}{8}$ of their matches in a season. The same team loses $\frac{1}{3}$ of their matches. Show that the team wins more matches than they lose.	$\frac{3}{9} = \frac{9}{24}$, $\frac{1}{3} = \frac{8}{24}$ $\frac{9}{24} > \frac{8}{24}$ Therefore, they win more games than they lose.	4.NF.A.2
13	Which of the following fractions is nearest to $\frac{9}{10}$? Show your work. $\frac{5}{8}$ $\frac{3}{4}$ $\frac{11}{10}$ $\frac{3}{5}$	$\frac{3}{4}$ is nearest to $\frac{9}{10}$ $\frac{5}{8} = \frac{50}{80}$ $\frac{3}{4} = \frac{60}{80}$ $\frac{11}{20} = \frac{44}{80}$ $\frac{3}{5} = \frac{48}{80}$ $\frac{9}{10} = \frac{72}{80}$	4.NF.A.2
14	Janine's annual salary increases by $\frac{3}{7}$ Lawton's annual salary increases by $\frac{2}{5}$ Janine says her salary will increase by more money than Lawton's. Explain why she may not be correct.	$\frac{3}{7} = \frac{15}{35}$ $\frac{2}{5} = \frac{14}{35}$ $\frac{3}{7} > \frac{2}{5}$ Janine would only have a greater increase if they earned the same amount of money. Lawton may already earn more.	4.NF.A.2
15	Martin eats $\frac{4}{5}$ of a pizza. Carla eats $\frac{3}{4}$ of a pizza. Graham eats $\frac{7}{8}$ of a pizza. Trevor eats $\frac{5}{6}$ of a pizza. Which person eats the most pizza? Show your work.	$\frac{4}{5} = \frac{96}{120}$ $\frac{3}{4} = \frac{90}{120}$ $\frac{7}{8} = \frac{105}{120}$ $\frac{5}{6} = \frac{100}{120}$ Graham eats the most pizza.	4.NF.A.2

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