



**THIRD SPACE
LEARNING**

Equivalent Fractions Worksheet

Number and Quantity
3.NF.A.3b

Grades 1 to 3

Skill Questions

Name:

Date:

- 1 Find the missing value in the following pairs of equivalent fractions.

$$\frac{1}{2} = \frac{?}{6}$$

Answer

- 2 Find the missing value in the following pairs of equivalent fractions.

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

Answer

- 3 Find the missing value in the following pairs of equivalent fractions.

$$\frac{1}{2} = \frac{?}{14}$$

Answer

- 4 Find the missing value in the following pairs of equivalent fractions.

$$\frac{3}{4} = \frac{?}{12}$$

Answer

- 5 Find the missing value in the following pairs of equivalent fractions.

$$\frac{2}{5} = \frac{?}{10}$$

Answer

Equivalent Fractions Worksheet | Grades 1 to 3

- 6 Find the missing value in the following pairs of equivalent fractions.

$$\frac{2}{5} = \frac{?}{20}$$

Answer

- 7 Find the missing value in the following pairs of equivalent fractions.

$$\frac{2}{5} = \frac{?}{35}$$

Answer

- 8 Find the missing value in the following pairs of equivalent fractions.

$$\frac{5}{8} = \frac{?}{16}$$

Answer

- 9 Find the missing value in the following pairs of equivalent fractions.

$$\frac{5}{8} = \frac{?}{32}$$

Answer

- 10 Find the missing value in the following pairs of equivalent fractions.

$$\frac{5}{8} = \frac{?}{40}$$

Answer

Applied Questions

- 11 Using equivalent fractions, find a fraction which is bigger than $\frac{2}{7}$ but smaller than $\frac{3}{8}$.

Answer

- 12 Show that $\frac{5}{6}$ is smaller than $\frac{6}{7}$.

Answer

- 13 Jess offers to give $\frac{2}{5}$ of her food to Ruby and $\frac{3}{10}$ of her food to Daisy. Who will get the most food?

Answer

- 14 Ella has two equal sized bars of chocolate. The white chocolate has eight equal pieces. The dark chocolate has 4 equal pieces. Mr. Johnston eats $\frac{3}{4}$ of the dark chocolate. Ella eats $\frac{5}{8}$ of the white chocolate. Who eats the most?

Answer

Equivalent Fractions Worksheet | Grades 1 to 3

- 15** Ben makes two cakes of equal size. The first cake is a chocolate cake and the second cake is a sponge cake. He cuts the chocolate cake into 5 equal slices and he cuts the sponge cake into 10 equal slices. His friends eat 3 slices of chocolate cake and 5 slices of sponge cake. Did his friends eat more chocolate or sponge cake?

Answer



Answers

Question number	Question	Answers	Standard
1	Find the missing value in the following pairs of equivalent fractions. $\frac{1}{2} = \frac{?}{6}$	$\frac{3}{6}$	3.NF.A.3b
2	Find the missing value in the following pairs of equivalent fractions. $\frac{1}{2} = \frac{?}{10}$	$\frac{5}{10}$	3.NF.A.3b
3	Find the missing value in the following pairs of equivalent fractions. $\frac{1}{2} = \frac{?}{14}$	$\frac{7}{14}$	3.NF.A.3b
4	Find the missing value in the following pairs of equivalent fractions. $\frac{3}{4} = \frac{?}{12}$	$\frac{9}{12}$	3.NF.A.3b
5	Find the missing value in the following pairs of equivalent fractions. $\frac{2}{5} = \frac{?}{10}$	$\frac{4}{10}$	3.NF.A.3b
6	Find the missing value in the following pairs of equivalent fractions. $\frac{2}{5} = \frac{?}{20}$	$\frac{8}{20}$	3.NF.A.3b
7	Find the missing value in the following pairs of equivalent fractions. $\frac{2}{5} = \frac{?}{35}$	$\frac{14}{35}$	3.NF.A.3b

Equivalent Fractions Worksheet | Grades 1 to 3 | Answers

Question number	Question	Answers	Standard
8	Find the missing value in the following pairs of equivalent fractions. $\frac{5}{8} = \frac{?}{16}$	$\frac{10}{16}$	3.NF.A.3b
9	Find the missing value in the following pairs of equivalent fractions. $\frac{5}{8} = \frac{?}{32}$	$\frac{20}{32}$	3.NF.A.3b
10	Find the missing value in the following pairs of equivalent fractions. $\frac{5}{8} = \frac{?}{40}$	$\frac{25}{40}$	3.NF.A.3b
11	Using equivalent fractions, find a fraction which is bigger than $\frac{2}{7}$ but smaller than $\frac{3}{8}$.	$\frac{2}{7} = \frac{16}{56}$ $\frac{3}{8} = \frac{21}{56}$ Any fraction between $\frac{16}{56}$ and $\frac{21}{56}$ or equivalent.	3.NF.A.3b
12	Show that $\frac{5}{6}$ is smaller than $\frac{6}{7}$.	$\frac{5}{6} = \frac{35}{42}$ $\frac{6}{7} = \frac{36}{42}$ $35 < 36$	3.NF.A.3b
13	Jess offers to give $\frac{2}{5}$ of her food to Ruby and $\frac{3}{10}$ of her food to Daisy. Who will get the most food?	Ruby will get the most food $\frac{4}{10} > \frac{3}{10}$	3.NF.A.3b
14	Ella has two equal sized bars of chocolate. The white chocolate has eight equal pieces. The dark chocolate has 4 equal pieces. Mr. Johnston eats $\frac{3}{4}$ of the dark chocolate. Ella eats $\frac{5}{8}$ of the white chocolate. Who eats the most?	Mr. Johnson $\frac{6}{8} > \frac{5}{8}$	3.NF.A.3b

Equivalent Fractions Worksheet | Grades 1 to 3 | Answers




Question number	Question	Answers	Standard
15	Ben makes two cakes of equal size. The first cake is a chocolate cake and the second cake is a sponge cake. He cuts the chocolate cake into 5 equal slices and he cuts the sponge cake into 10 equal slices. His friends eat 3 slices of chocolate cake and 5 slices of sponge cake. Did his friends eat more chocolate or sponge cake?	$\frac{6}{10} > \frac{5}{10}$ His friends ate more chocolate cake.	3.NF.A.3b

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