



**THIRD SPACE
LEARNING**

Fractions Check for Understanding

A 20 question retrieval quiz for students in grades 4, 5 and 6.

Grades 4 to 6

Questions

Name:

Class:

Date:

Score:

- 1 Order these fractions from the least to greatest.

$$\frac{1}{2} \quad \frac{2}{5} \quad \frac{7}{10} \quad \frac{7}{12}$$

Answer

- 2 Compare the fractions using $<$, $>$ or $=$.

$$\frac{5}{6} \quad \square \quad \frac{7}{10}$$

Answer

- 3 Solve the equation.

$$3 \times \frac{5}{11} =$$

Answer

- 4 Solve the equation.

$$\frac{1}{8} \div 5 =$$

Answer

Check for Understanding | 4th to 6th Grade | Fractions

- 5 Write $\frac{30}{45}$ in lowest terms.

Answer

- 6 Solve the equation.

$$\frac{5}{12} + \frac{4}{12} =$$

Answer

- 7 Write the improper fraction as a mixed number.

$$\frac{29}{5}$$

Answer

- 8 Solve the equation.

$$5\frac{3}{8} - 2\frac{4}{8} =$$

Answer

- 9 Solve the equation.

$$3\frac{3}{4} + 4\frac{1}{6} =$$

Answer

- 10 Solve the equation.

$$\frac{4}{5} \times \frac{2}{3} =$$

Answer

- 11 The model shows equivalent fractions. Write the fraction equivalent to $\frac{2}{3}$

$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$	

Answer

- 12 Solve the equation.

$$\frac{2}{11} \div \frac{3}{5} =$$

Answer

- 13 There are 20 pencils. $\frac{3}{4}$ of the pencils are red. How many red pencils are there?

Answer

- 14 Write the mixed number as an improper fraction.

$$4\frac{7}{12}$$

Answer

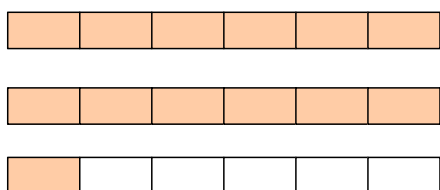
- 15 Ali has cut one pizza into 12 equal parts.
He eats one equal part of the pizza. What fraction of the pizza has he eaten?

Answer

- 16 One cake has been cut into 15 equal parts.
Thomas eats $\frac{2}{12}$ of the cake.
Lola eats $\frac{2}{12}$ of the cake.
Tamara eats $\frac{1}{12}$ of the cake.
What fraction of the cake has been eaten?

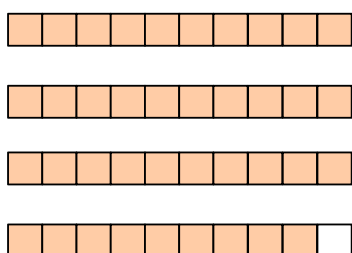
Answer

- 17 Write the fraction represented as an improper fraction.



Answer

- 18 Write the fraction represented as a mixed number.



Answer

- 19 What is the multiplicative inverse of $\frac{4}{7}$?

Answer

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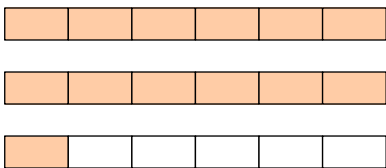
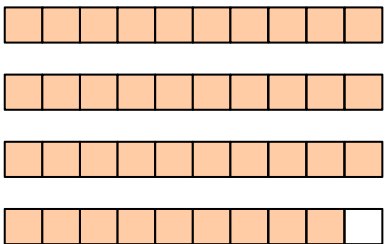
- 20 5 cups of juice are shared between 4 people. What fraction of the juice will each person get?

Answer

Answers

Question number	Question	Answers	Standard
1	Order these fractions from the least to greatest. $\frac{1}{2}$ $\frac{2}{5}$ $\frac{7}{10}$ $\frac{7}{12}$	$\frac{2}{5}$ $\frac{1}{2}$ $\frac{7}{12}$ $\frac{7}{10}$	4.NF.A.2
2	Compare the fractions using <, > or =. $\frac{5}{6}$ $\frac{7}{10}$	$\frac{5}{6} > \frac{7}{10}$	4.NF.A.2
3	Solve the equation. $3 \times \frac{5}{11}$	$1\frac{4}{11}$	5.NF.B.4a
4	Solve the equation. $\frac{1}{8} \div 5$	$\frac{1}{40}$	5.NF.B.4b
5	Write $\frac{30}{45}$ in lowest terms.	$\frac{2}{3}$	6.NS.B.4 4.NF.A.1
6	Solve the equation. $\frac{5}{12} + \frac{4}{12} =$	$\frac{9}{12}$ or $\frac{3}{4}$	4.NF.B.3a
7	Write the improper fraction as a mixed number. $\frac{29}{5}$	$5\frac{4}{5}$	4.NF.B.3c

Question number	Question	Answers	Standard												
8	Solve the equation. $5\frac{3}{8} - 2\frac{4}{8}$	$2\frac{7}{8}$	4.NF.B.3c												
9	Solve the equation. $3\frac{3}{4} + 4\frac{1}{6}$	$7\frac{11}{12}$	5.NF.A.1												
10	Solve the equation. $\frac{4}{5} \times \frac{2}{3}$	$\frac{8}{15}$	5.NF.B.4a												
11	The model shows equivalent fractions. Write the fraction equivalent to $\frac{2}{3}$ <table border="1"><tr><td>$\frac{1}{6}$</td><td>$\frac{1}{6}$</td><td>$\frac{1}{6}$</td><td>$\frac{1}{6}$</td><td>$\frac{1}{6}$</td><td>$\frac{1}{6}$</td></tr><tr><td colspan="2">$\frac{1}{3}$</td><td colspan="2">$\frac{1}{3}$</td><td colspan="2">$\frac{1}{3}$</td></tr></table>	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$		$\frac{4}{6}$	4.NF.A.1
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$										
$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$											
12	Solve the equation. $\frac{2}{11} \div \frac{3}{5}$	$\frac{10}{33}$	6.NS.A.1												
13	There are 20 pencils. $\frac{3}{4}$ of the pencils are red. How many red pencils are there?	15	4.NF.B.4c												
14	Write the mixed number as an improper fraction. $4\frac{7}{12}$	$\frac{55}{12}$	4.NF.B.3c												

Question number	Question	Answers	Standard
15	Ali has cut one pizza into 12 equal parts. He eats one equal part of the pizza. What fraction of the pizza has he eaten?	$\frac{1}{12}$	3.NF.A.1
16	One cake has been cut into 15 equal parts. Thomas eats $\frac{2}{12}$ of the cake. Lola eats $\frac{2}{12}$ of the cake. Tamara eats $\frac{1}{12}$ of the cake. What fraction of the cake has been eaten?	$\frac{5}{12}$	4.NF.B.3d
17	Write the fraction represented as an improper fraction. 	$\frac{13}{6}$	4.NF.B.3c
18	Write the fraction represented as a mixed number. 	$3\frac{9}{10}$	4.NF.B.3c
19	What is the multiplicative inverse of $\frac{4}{7}$?	$\frac{7}{4}$	6.NS.A.1
20	5 cups of juice are shared between 4 people. What fraction of the juice will each person get?	$1\frac{1}{4}$	5.NF.B.3

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