



THIRD SPACE
LEARNING

Fraction Operations Check for Understanding

A 10 question retrieval quiz for
students in grades 4, 5 and 6.

Grades 4 to 6

Questions

Name:

Class:

Date:

Score:

- 1 Add and simplify the answer if possible:

$$2\frac{1}{2} + \frac{1}{2} =$$

Answer

- 2 Add the fractions and simplify the answer if possible:

$$\frac{3}{8} + \frac{1}{4} =$$

Answer

- 3 Subtract the fractions and simplify the answer if possible:

$$1\frac{5}{6} - \frac{2}{3} =$$

Answer

- 4 Multiply and simplify if possible:

$$\frac{5}{6} \times \frac{2}{5} =$$

Answer

5 Divide:
 $\frac{1}{4} \div 3 =$

Answer

6 Divide the numbers and simplify if possible:
 $\frac{3}{10} \div \frac{2}{5} =$

Answer

7 Jimmy is preparing dinner for 6 of his friends. He wants to serve each of them $\frac{2}{5}$ of a pound of macaroni. How much macaroni should he prepare? Write your answer as a mixed number.

Answer

8 What is the area of a rectangle with length $\frac{1}{5}$ foot and width $\frac{2}{3}$ foot?

Answer

9 Jenny runs $\frac{3}{4}$ mile. Her sister, Karen, runs twice as far. How far does Karen run?

Answer

10

Divide:

$$\frac{3}{4} \div \frac{1}{8} =$$

Answer

Answers




Question number	Question	Answers	Standard
1	Add and simplify the answer if possible: $2\frac{1}{2} + \frac{1}{2}$	3	4.NF.B.3.c
2	Add the fractions and simplify the answer if possible: $\frac{3}{8} + \frac{1}{4} =$	$\frac{5}{8}$	5.NF.A.1
3	Subtract the fractions and simplify the answer if possible: $1\frac{5}{6} - \frac{2}{3} =$	$1\frac{1}{6}$	5.NF.A.1
4	Multiply and simplify if possible: $\frac{5}{6} \times \frac{2}{5} =$	$\frac{10}{30} = \frac{1}{3}$	5.NF.B.4
5	Divide: $\frac{1}{4} \div 3 =$	$\frac{1}{12}$	5.NF.B.7a
6	Divide the numbers and simplify if possible: $\frac{3}{10} \div \frac{2}{5} =$	$\frac{15}{20} = \frac{3}{4}$	6.NS.A.1
7	Jimmy is preparing dinner for 6 of his friends. He wants to serve each of them $\frac{2}{5}$ of a pound of macaroni. How much macaroni should he prepare? Write your answer as a mixed number.	$\frac{12}{5} = 2\frac{2}{5}$	5.NF.B.4
8	What is the area of a rectangle with length $\frac{1}{5}$ foot and width $\frac{2}{3}$ foot?	Area = $\frac{2}{15}$ ft ²	5.NF.B.4.b
9	Jenny runs $\frac{3}{4}$ mile. Her sister, Karen, runs twice as far. How far does Karen run?	$1\frac{3}{4}$ miles	6.NS.A.1
10	Divide: $\frac{3}{4} \div \frac{1}{8}$	6	6.NS.A.1

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