



**THIRD SPACE
LEARNING**

Fractions Operations Worksheet

Number and Quantity

Grades 4 to 5

Questions

Name:

Date:

1 Solve: $\frac{3}{8} + \frac{2}{8}$

Answer

2 Solve: $\frac{7}{12} - \frac{4}{12}$

Answer

3 Solve: $\frac{5}{6} - \frac{2}{6}$

Answer

4 Solve: $2\frac{3}{8} - 1\frac{1}{8}$

Answer

5 Solve: $1\frac{1}{4} + 2\frac{1}{4}$

Answer

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- 6 Grace has $4\frac{3}{8}$ pounds of apples. She gives away $2\frac{3}{8}$ pounds to her friends. How many pounds of apples does Grace have left?

Answer

- 7 Leo has $\frac{7}{10}$ of a yard of fabric. He needs to cut it into pieces that are $\frac{1}{10}$ of a yard each. How many pieces can he make?

Answer

- 8 Solve: $5 \times \frac{3}{4}$

Answer

- 9 Solve: $3 \times \frac{4}{5}$

Answer

- 10 Raj has 3 cans of paint. Each one contains $\frac{3}{4}$ of a gallon of paint. How much paint does Raj have in total?

Answer

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11 Solve: $\frac{1}{4} + \frac{2}{3}$

Answer

12 Solve: $\frac{5}{6} - \frac{1}{3}$

Answer

13 Solve: $2\frac{1}{3} + 4\frac{1}{6}$

Answer

14 Solve: $\frac{7}{8} - \frac{1}{4}$

Answer

15 Raj and Maya are making fruit salads. Raj uses $\frac{3}{4}$ cup of strawberries and Maya uses $\frac{2}{3}$ cup of strawberries. How much strawberries did they use in total?

Answer

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- 16 Sofia has $\frac{7}{8}$ of a liter of juice. She drinks $\frac{1}{4}$ of a liter.
How much juice does she have left?

Answer

- 17 Jamal has $2\frac{1}{2}$ pounds of almonds and buys another $4\frac{1}{3}$ pounds.
How many pounds of almonds does Jamal have in total?

Answer

- 18 Maya has $3\frac{1}{2}$ cups of flour. She uses $1\frac{3}{4}$ cups for a recipe.
How much flour does she have left?

Answer

- 19 Jamal wants to create a mosaic. Each tile measures $\frac{2}{3}$ of a foot by $\frac{2}{3}$ of a foot. How much area does one tile cover?

Answer

- 20 Emma needs $\frac{3}{4}$ of the flour in her cupboard to bake a cake. She has 2 bags of flour. How much flour does she need?

Answer

Answers

Question number	Question	Answers	Standard
1	Solve: $\frac{3}{8} + \frac{2}{8}$	$\frac{5}{8}$	4.NF.B.3a
2	Solve: $\frac{7}{12} - \frac{4}{12}$	$\frac{3}{12}$ or $\frac{1}{4}$	4.NF.B.3a
3	Solve: $\frac{5}{6} - \frac{2}{6}$	$\frac{3}{6}$ or $\frac{1}{2}$	4.NF.B.3a
4	Solve: $2\frac{3}{8} - 1\frac{1}{8}$	$1\frac{2}{8}$ or $1\frac{1}{4}$	4.NF.B.3c
5	Solve: $1\frac{1}{4} + 2\frac{1}{4}$	$3\frac{2}{4}$ or $3\frac{1}{2}$	4.NF.B.3c
6	Grace has $4\frac{3}{8}$ pounds of apples. She gives away $2\frac{3}{8}$ pounds to her friends. How many pounds of apples does Grace have left?	$4\frac{3}{8} - 2\frac{3}{8} = 2$ pounds	4.NF.B.3d
7	Leo has $\frac{7}{10}$ of a yard of fabric. He needs to cut it into pieces that are $\frac{1}{10}$ of a yard each. How many pieces can he make?	7 pieces	4.NF.B.3
8	Solve: $5 \times \frac{3}{4}$	$\frac{15}{4}$ or $3\frac{3}{4}$	4.NF.B.4b
9	Solve: $3 \times \frac{4}{5}$	$\frac{12}{5}$ or $2\frac{2}{5}$	4.NF.B.4b
10	Raj has 3 cans of paint. Each one contains $\frac{3}{4}$ of a gallon of paint. How much paint does Raj have in total?	$3 \times \frac{3}{4} = \frac{9}{4} = 2\frac{1}{4}$ gallons	4.NF.B.4c
11	Solve: $\frac{1}{4} + \frac{2}{3}$	$\frac{11}{12}$	5.NF.A.1
12	Solve: $\frac{5}{6} - \frac{1}{3}$	$\frac{3}{6} = \frac{1}{2}$	5.NF.A.1

Fractions Operations Worksheet | Grades 4 to 5 | Answers




Question number	Question	Answers	Standard
13	Solve: $2\frac{1}{3} + 4\frac{1}{6}$	$6\frac{3}{6} = 6\frac{1}{2}$	5.NF.A.1
14	Solve: $\frac{7}{8} - \frac{1}{4}$	$\frac{5}{8}$	5.NF.A.1
15	Raj and Maya are making fruit salads. Raj uses $\frac{3}{4}$ cup of strawberries and Maya uses $\frac{2}{3}$ cup of strawberries. How much strawberries did they use in total?	$\frac{3}{4} + \frac{2}{3} = \frac{9}{12} + \frac{8}{12} = \frac{17}{12} = 1\frac{5}{12}$ cups	5.NF.A.2
16	Sofia has $\frac{7}{8}$ of a liter of juice. She drinks $\frac{1}{4}$ of a liter. How much juice does she have left?	$\frac{7}{8} - \frac{1}{4} = \frac{7}{8} - \frac{2}{8} = \frac{5}{8}$ liters	5.NF.A.2
17	Jamal has $2\frac{1}{2}$ pounds of almonds and buys another $4\frac{1}{3}$ pounds. How many pounds of almonds does Jamal have in total?	$2\frac{1}{2} + 4\frac{1}{3} = \frac{5}{2} + \frac{13}{3} = \frac{15}{6} + \frac{26}{6} = \frac{41}{6} = 6\frac{5}{6}$ pounds	5.NF.A.2
18	Maya has $3\frac{1}{2}$ cups of flour. She uses $1\frac{3}{4}$ cups for a recipe. How much flour does she have left?	$3\frac{1}{2} - \frac{3}{4} = \frac{7}{2} - \frac{7}{4} = \frac{14}{4} - \frac{7}{4} = \frac{7}{4} = \frac{7}{4}$ or $1\frac{3}{4}$ cups	5.NF.A.2
19	Jamal wants to create a mosaic. Each tile measures $\frac{2}{3}$ of a foot by $\frac{2}{3}$ of a foot. How much area does one tile cover?	$\frac{2}{3} \times \frac{2}{3} = \frac{4}{9}$ square feet	5.NF.B.4b
20	Emma needs $\frac{3}{4}$ of the flour in her cupboard to bake a cake. She has 2 bags of flour. How much flour does she need?	$\frac{3}{4} \times 2 = \frac{6}{4} = 1\frac{2}{4}$ or $1\frac{1}{2}$ of the total flour	5.NF.B.6

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