



**THIRD SPACE
LEARNING**

Fractions Operations Worksheet

Number and Quantity

Grades 6 to 8

Questions

Name:

Date:

1 Solve: $\frac{2}{3} \div \frac{4}{5}$

Answer

2 Solve: $\frac{7}{9} \div \frac{2}{3}$

Answer

3 Solve: $\frac{5}{8} \div \frac{3}{10}$

Answer

4 Solve: $\frac{11}{12} \div \frac{2}{5}$

Answer

5 Solve: $\frac{6}{7} \div \frac{3}{4}$

Answer

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6 Solve: $\frac{3}{4} \div \frac{2}{5}$

Answer

7 Solve: $\frac{5}{6} \div \frac{1}{3}$

Answer

8 Solve: $\frac{7}{8} \div \frac{2}{9}$

Answer

9 Solve: $\frac{4}{5} \div \frac{3}{4}$

Answer

10 Solve: $\frac{9}{10} \div \frac{3}{7}$

Answer

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11 Solve: $2\frac{1}{2} \div \frac{4}{5}$

Answer

12 Solve: $1\frac{3}{4} \div \frac{2}{3}$

Answer

13 Solve: $3\frac{1}{3} \div \frac{5}{6}$

Answer

14 $4\frac{2}{5} \div \frac{3}{7}$

Answer

15 Solve: $5\frac{1}{2} \div \frac{7}{8}$

Answer

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- 16 A recipe calls for $\frac{3}{4}$ cup of sugar, but Maria only has a $\frac{1}{2}$ cup measuring scoop. How many scoops does she need to measure out exactly $\frac{3}{4}$ cup of sugar?

Answer

- 17 Jamal needs to divide $\frac{5}{6}$ pounds of nuts equally into bags that hold $\frac{1}{3}$ pound each. How many bags can he fill?

Answer

- 18 Sofia is making $\frac{3}{4}$ cup of soup for each serving.
If she has $\frac{9}{2}$ cups of soup, how many servings can she make?

Answer

- 19 Ryan has $2\frac{1}{4}$ gallons of paint. If each wall he paints requires $\frac{3}{4}$ gallon of paint, how many walls can he paint?

Answer

- 20 Fatima needs $\frac{2}{5}$ cup of soil for each seed.
If she has 11 cups of soil, how many seeds can she plant?

Answer

Answers

Question number	Question	Answers	Standard
1	Solve: $\frac{2}{3} \div \frac{4}{5}$	$\frac{5}{6}$	6.NS.A.1
2	Solve: $\frac{7}{9} \div \frac{2}{3}$	$\frac{7}{6}$ or $1\frac{1}{6}$	6.NS.A.1
3	Solve: $\frac{5}{8} \div \frac{3}{10}$	$\frac{25}{12}$ or $2\frac{1}{12}$	6.NS.A.1
4	Solve: $\frac{11}{12} \div \frac{2}{5}$	$\frac{55}{24}$ or $2\frac{7}{24}$	6.NS.A.1
5	Solve: $\frac{6}{7} \div \frac{3}{4}$	$\frac{8}{7}$ or $1\frac{1}{7}$	6.NS.A.1
6	Solve: $\frac{3}{4} \div \frac{2}{5}$	$\frac{15}{8}$ or $1\frac{7}{8}$	6.NS.A.1
7	Solve: $\frac{5}{6} \div \frac{1}{3}$	$\frac{5}{2}$ or $2\frac{1}{2}$	6.NS.A.1
8	Solve: $\frac{7}{8} \div \frac{2}{9}$	$\frac{63}{16}$ or $3\frac{15}{16}$	6.NS.A.1
9	Solve: $\frac{4}{5} \div \frac{3}{4}$	$\frac{16}{15}$ or $1\frac{1}{15}$	6.NS.A.1
10	Solve: $\frac{9}{10} \div \frac{3}{7}$	$\frac{21}{10}$ or $2\frac{1}{10}$	6.NS.A.1
11	Solve: $2\frac{1}{2} \div \frac{4}{5}$	$\frac{25}{8}$ or $3\frac{1}{8}$	6.NS.A.1
12	Solve: $1\frac{3}{4} \div \frac{2}{3}$	$\frac{21}{8}$ or $2\frac{5}{8}$	6.NS.A.1
13	Solve: $3\frac{1}{3} \div \frac{5}{6}$	$\frac{20}{5}$ or 4	6.NS.A.1
14	$4\frac{2}{5} \div \frac{3}{7}$	$\frac{154}{15}$ or $10\frac{4}{15}$	6.NS.A.1
15	Solve: $5\frac{1}{2} \div \frac{7}{8}$	$\frac{44}{7}$ or $6\frac{2}{7}$	6.NS.A.1

Fractions Operations Worksheet | Grades 6 to 8 | Answers




Question number	Question	Answers	Standard
16	A recipe calls for $\frac{3}{4}$ cup of sugar, but Maria only has a $\frac{1}{2}$ cup measuring scoop. How many scoops does she need to measure out exactly $\frac{3}{4}$ cup of sugar?	$\frac{3}{4} \div \frac{1}{2} = \frac{3}{2} = 1 \frac{1}{2}$ scoops	6.NS.A.1
17	Jamal needs to divide $\frac{5}{6}$ pounds of nuts equally into bags that hold $\frac{1}{3}$ pound each. How many bags can he fill?	$\frac{5}{6} \div \frac{1}{3} = \frac{5}{6} \times \frac{3}{1} = \frac{15}{6} = \frac{5}{2}$ $= 2 \frac{1}{2}$ bags	6.NS.A.1
18	Sofia is making $\frac{3}{4}$ cup of soup for each serving. If she has $\frac{9}{2}$ cups of soup, how many servings can she make?	$\frac{9}{2} \div \frac{3}{4} = \frac{9}{2} \times \frac{4}{3} = \frac{36}{6}$ $= 6$ servings	6.NS.A.1
19	Ryan has $2 \frac{1}{4}$ gallons of paint. If each wall he paints requires $\frac{3}{4}$ gallon of paint, how many walls can he paint?	$2 \frac{1}{4} \div \frac{3}{4} = \frac{9}{4} \div \frac{3}{4} = \frac{9}{4} \times \frac{4}{3}$ $= \frac{36}{12} = 3$ walls	6.NS.A.1
20	Fatima needs $\frac{2}{5}$ cup of soil for each seed. If she has 11 cups of soil, how many seeds can she plant?	$11 \div \frac{2}{5} = 11 \times \frac{5}{2} = \frac{55}{2}$ $= 27 \frac{1}{2}$ She can plant 27 seeds	6.NS.A.1

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