



Proportions/Equivalent Fractions

Name _____ Class _____ Date _____

1 If two fractions are equal, then the ratios are equal. A **ratio table** illustrates a series of equivalent fractions. In this **ratio table**, what number is missing?

- A 10
- B 11
- C 12
- D 14

2	4	6	8	10
3	6	9		15

2 When baking cookies, the amount of sugar is $\frac{3}{4}$ the amount of flour. A **ratio table** showing this relationship would be:

- A true
- B false

1	2	3	4	5
2	3	4	5	6

3 Shawn is making cookies. The recipe calls for $\frac{1}{2}$ cup of oil, but he cannot find the $\frac{1}{2}$ cup measure. If he uses the **quarter-cup** measure, how many times should he fill the cup?

- A 4
- C 2



4 An **equivalent fraction** for $\frac{3}{9}$ is _____.



5



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

- A 10
- B 6
- C 9
- D 8



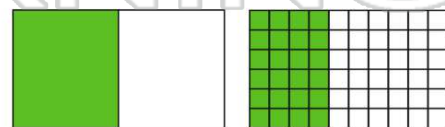
9 Multiply the numerator and denominator of $\frac{3}{7}$ by 5 and the result is an **equivalent fraction** of _____.

$$\frac{3 \times 5}{7 \times 5} =$$

- A $\frac{8}{12}$
- B $\frac{7}{15}$
- C $\frac{15}{45}$
- D $\frac{15}{35}$

10

$\frac{1}{2}$ and $\frac{20}{50}$ are **equivalent fractions**. True or false?



- A true
- B false



ANSWER KEY

If two fractions are equal, then the ratios are equal. A **ratio table** illustrates a series of equivalent fractions. In this **ratio table**, what number is missing?

- A 10
- B 11
- C 12
- D 14

2	4	6	8	10
3	6	9		15

(C)

When baking cookies, the amount of sugar is $\frac{3}{4}$ the amount of flour. A **ratio table** showing this relationship would be:

- A true
- B false

1	2	3	4	5
2	3	4	5	6

(b)

Shawn is making cookies. The recipe calls for $\frac{1}{2}$ cup of oil, but he cannot find the $\frac{1}{2}$ cup measure. If he uses the **quarter-cup** measure, how many times should he fill the cup?

- A 4
- B 3
- C 2
- D 1



(C)

An **equivalent fraction** for $\frac{3}{9}$ is _____.



(a)



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- B 6
- C 9
- D 8



- A $\frac{30}{60}$
- B $\frac{1}{2}$
- C $\frac{55}{100}$
- D $\frac{4}{5}$



Multiply the numerator and denominator of $\frac{3}{7}$ by 5 and the result is an **equivalent fraction** of _____.

$$\frac{3 \times 5}{7 \times 5} =$$

(d)

- A $\frac{8}{12}$
- B $\frac{7}{15}$
- C $\frac{15}{45}$
- D $\frac{15}{35}$

$\frac{1}{2}$ and $\frac{20}{50}$ are **equivalent fractions**.

True or false?



(b)

A true

B false