Proportions/Equivalent Fractions

Math F

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?

	2	4	6	8	10
	3	6	9		15

A 10
B 11
C 12
D 14

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

1	2	3	4	5	
2	3	4	5	6	

A true
B false

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**

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

5

7 **cookies** in a box, how many cookies did they eat?

A 10
B 6
C 9
D 8

be ____.

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

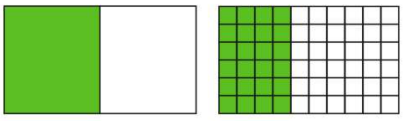
9 Multiply the numerator and denominator of $\frac{3}{7}$ by 5 and the result is an **equivalent fraction** of ____.

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

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

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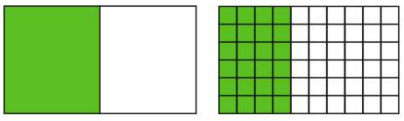

A true B false

B