

CYU 1.3 Fractions & Mixed Numbers Day ONE

Use when you get it right all by yourself

S *Use when you did it all by yourself, but made a silly mistake*

H *Use when you could do it alone with a little help from teacher or peer*

G *Use when you completed the problem in a group*

X *Use when a question was attempted but wrong (get help)*

N *Use when a question was not even attempted*

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Fractions	1		
Product of primes	2		
Simplest Form/Lowest Terms	3		
Multiply fractions	4		
Divide fractions	5		

1. Represent the shaded part of each geometric figure by a fraction.

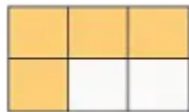
a.



b.



c.



d.



2. Write each number as a product of primes.

a. 33

b. 98

c. 20

d. 75

e. 45

3. Write the fraction in lowest terms.

a. $\frac{2}{4}$

b. $\frac{10}{15}$

c. $\frac{3}{7}$

d. $\frac{18}{30}$

e. $\frac{120}{244}$

4. Multiply & Simplify.

a. $\frac{1}{2} \cdot \frac{3}{4}$

b. $\frac{2}{3} \cdot \frac{3}{4}$

c. $\frac{7}{10} \cdot \frac{5}{21}$

d. $\frac{25}{9} \cdot \frac{1}{3}$

5. Divide & Simplify.

a. $\frac{1}{2} \div \frac{7}{12}$

b. $\frac{3}{4} \div \frac{1}{20}$

c. $\frac{7}{12} \div \frac{1}{2}$

d. $\frac{3}{5} \div \frac{9}{10}$

CYU Reflection: *How far can you go: basic, intermediate, or advanced?*

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

