

CYU 1.3 Fractions & Mixed Numbers DAY TWO

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

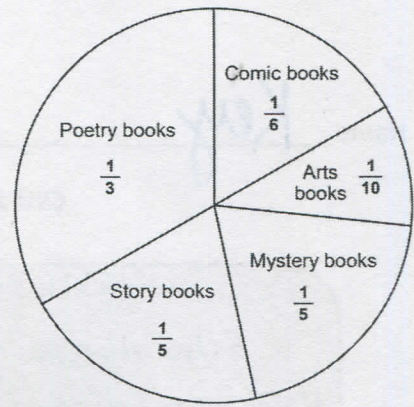
CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Adding Fractions	2	3	9, 10, 13
Subtracting Fractions	1	4 - 6	10, 14
LCD	6	4, 5	9, 10, 13
Equivalent Fractions	7	8	9, 10
Mixed Numbers/Improper Fractions	11	12	13, 14
Dividing Fractions			12

- Perform the indicated operation. Write the answer in the simplest form. $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$
- Perform the indicated operation. Write the answer in the simplest form. $\frac{4}{5} + \frac{1}{5} = 1$
- Perform the indicated operation. Write the answer in the simplest form. $\frac{2}{3} + \frac{3}{7} = \frac{23}{21}$
- Perform the indicated operation. Write the answer in the simplest form. $\frac{4}{15} - \frac{1}{12} = \frac{11}{60}$
- Perform the indicated operation. Write the answer in the simplest form. $\frac{5}{22} - \frac{5}{33} = \frac{5}{66}$
- Perform the indicated operation. Write the answer in the simplest form. $\frac{12}{5} - 1 = \frac{7}{5}$
- Write $\frac{7}{10}$ as an equivalent fraction with the given denominator 30. $\frac{21}{30}$
- Write $\frac{2}{9}$ as an equivalent fraction with the given denominator 18. $\frac{4}{18}$

9. What is the total amount of books in this library pie?

$$\frac{1}{3} + \frac{1}{6} + \frac{1}{10} + \frac{1}{5} + \frac{1}{5} = 1$$

LCD: 60

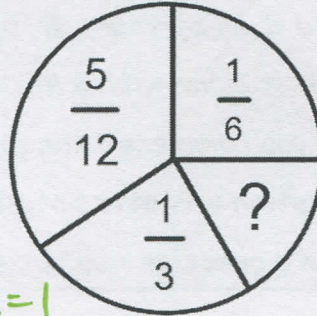


10. What is the missing piece of the pie?

$$\frac{5}{12} + \frac{1}{6} + \frac{1}{3} + ? = 1$$

$$\frac{5}{12} + \frac{2}{12} + \frac{4}{12} + x = \frac{12}{12}$$

$$5 + 2 + 4 + x = 12 \quad x = 1$$



$$? = \frac{1}{12}$$

11. Perform the indicated operations. $5\frac{1}{9} \cdot 3\frac{2}{3} = \frac{506}{27}$

KCF 12. Perform the indicated operations. $8\frac{3}{5} \div 2\frac{9}{10} = \frac{86}{29}$

13. Perform the indicated operations. $17\frac{2}{5} + 30\frac{2}{3} = \frac{721}{15}$

14. Perform the indicated operations. $8\frac{11}{12} - 1\frac{5}{6} = \frac{85}{12}$

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.

