

DIVISION OF FRACTIONS WORKSHEET – HARD (CLASS 5)

Name: _____ Date: _____

SECTION 1: Multiple Choice

1. $\frac{4}{7} \div \frac{2}{3} =$

$\frac{8}{21}$

$\frac{6}{7}$

$\frac{12}{14}$

2. Which is correct?

Keep, Change, Flip

Add, Flip, Multiply

Subtract, Change, Keep

SECTION 2: True or False

1. Dividing by $\frac{1}{2}$ doubles the number: _____

2. $\frac{5}{8} \div 1 = \frac{5}{8}$: _____

3. Reciprocal of 3 is $\frac{3}{1}$: _____

SECTION 3: Problem Solving

1. $\frac{5}{6} \div \frac{10}{12} =$ _____

2. $2 \div \frac{3}{4} =$ _____

3. $1 \frac{1}{2} \div \frac{1}{3} =$ _____

SECTION 4: Reasoning

Why is dividing by $\frac{1}{2}$ the same as multiplying by 2?

SECTION 5: Word Problems

1. A jug has $\frac{3}{2}$ liters of juice. Each glass holds $\frac{1}{4}$ liter. How many glasses can be filled?

Answer: _____

2. A ribbon is $\frac{5}{6}$ meter long. Each piece is $\frac{1}{12}$ meter. How many pieces can be cut?

Answer: _____

SECTION 6: Error Check

Riya solved:

$$\frac{2}{3} \div \frac{1}{4} = \frac{2}{12}$$

What mistake did she make?

SECTION 7: Higher Thinking

Create your own fraction division problem where the answer is 3.

Example: _____