Division of Fractions

of half

Α.	Choose the correct answer:	
	1. What is $\frac{1}{2} \div \frac{1}{4}$?	
	a) $\frac{1}{2}$	b) 2
	c) $\frac{1}{4}$	d) 4
	2. Which of the following equals $3 \div \frac{1}{3}$?	
	a) 1	b) 3
	c) 6	d) 9
	3. $1 \div \frac{1}{2}$ means	
	a) Half of 1	b) One part of h
	c) How many halves in 1	d) Both b and c
	4. What is $2 \div \frac{1}{4}$?	
	a) 8	b) 6
	c) 4	d) 2
5. What is the reciprocal of $\frac{2}{3}$?		
	a) $\frac{3}{2}$	b) $\frac{2}{3}$
	c) $\frac{1}{3}$	d) $\frac{3}{1}$

B. Write the Missing Terms to Complete the Sentences:



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

C. Mark each sentence with a True (✔) or False (X):

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

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

3. To divide fractions, we add the numerators

4. 3
$$\div \frac{1}{3} = 9$$

5. Dividing by a fraction gives a smaller number _

D. Figure out the answers to these questions:

- 1. Divide $\frac{3}{4} \div \frac{1}{2}$ and explain your steps.
- 2. Find how many $\frac{1}{3}$ s are there in 2.
- 3. Solve: 5 $\div \frac{1}{4}$ and express your answer in whole numbers.
- 4. A ribbon is $\frac{3}{4}$ m long. If each piece is $\frac{1}{8}$ m, how many pieces can be cut?
- 5. Divide $\frac{2}{3} \div \frac{1}{6}$ and simplify your answer.

E. Challenge yourself with these questions:

- 1. Divide: $4 \div \frac{2}{3}$
- 2. A rope is 5 m long. If each piece is $1\frac{1}{4}$ m, how many full pieces can be cut?
- 3. Divide: $\frac{7}{8} \div \frac{1}{4}$
- 4. A bottle holds $\frac{1}{2}$ liter. How many such bottles are needed to store 3 liters?
- 5. How many $\frac{3}{5}$ are there in $2\frac{2}{5}$?