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#### **DIVIDING FRACTIONS BY FRACTIONS WORKSHEET - 4**

- 1. What is the value of  $\frac{8}{7} \div \frac{2}{3}$ ?
- 2. If product of x and  $\frac{16}{15}$  is  $\frac{2}{3}$ , then what is the value of x?
- 3. Find the quotient:  $\frac{8}{3} \div \frac{12}{21}$
- 4. Solve for  $y: \left(\frac{6}{y} \div \frac{5}{12}\right) = \frac{36}{25}$
- 5. Find the missing fraction:  $\frac{9}{13} \div \frac{81}{26} = ?$
- 6. Divide:  $\frac{8}{11} \div \frac{12}{121}$
- 7. Which is least?  $\frac{1}{2} \div \frac{2}{5} OR \frac{3}{7} \div \frac{4}{14}$
- 8. The cost of 3 notebooks is  $\$ \frac{6}{5}$ . What is the cost of one notebook?



- 9. Simplify the answer:  $\frac{5}{8} \div \frac{\frac{8}{5}}{4}$
- 10. What must be divided by  $\frac{27}{44}$  so that the result is equal to  $\frac{4}{3}$ ?



When you learn math in an interesting way, you never forget.



#### 25 Million

Math classes & counting

#### 100K+

Students learning Math the right way

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Present across USA, UK, Singapore, India, UAE & more.

## Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect.

She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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# **ANSWERS**



1)	12
	7
2)	5
2)	
	8
3)	<del>8</del> 14
	$\overline{3}$
4)	10
5)	2
	9
()	22
6)	22
	3
7)	$\frac{1}{2} \div \frac{2}{5}$
	2 5
8)	2
	5
9)	25
	<u>16</u>
10)	<u>16</u> 9
	11
	111



#### **FUN FACT**

- 1. In Ancient Rome, <u>fractions</u> were only written using words to describe a part of the whole.
- 2. Indians wrote the fractions with one number above another (<u>numerator</u> and <u>denominator</u>), but without a line.
- 3. It was the Arabs only, who added the line which is used to separate the numerator and the denominator.

