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#### **MULTIPLYING & DIVIDING FRACTIONS WORKSHEET - 4**

- 1) Evaluate:  $3\frac{1}{3} \times 3\frac{5}{6}$
- 2) Find the value of  $2\frac{1}{3} \div \frac{1}{6}$
- 3) Mariam runs  $\frac{30}{4}$  miles in one hour. How much distance will she cover in 3 hours?



- 4) Find the product of  $2\frac{4}{5}$  and  $\frac{13}{12}$ .
- 5) Multiply:  $3\frac{1}{3} \times 3\frac{5}{6}$
- 6) Divide the fraction  $\frac{1}{30}$  by  $\frac{1}{15}$ . Write the answer in decimal.
- 7) Jian drinks 3/8L of juice each day. Calculate the amount of juice he drinks in 24 days.
- 8) Find:  $\frac{4x}{7} \div \frac{8x}{21}$



9) Find the area of a rectangular park which is  $6\frac{3}{4}$  ft long and  $5\frac{4}{5}$  ft broad.



10) What fraction must be divided by  $\frac{64}{8}$  so that the result is 20?



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## 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)	$12\frac{7}{9}$
2) 3)	14
3)	$22\frac{1}{2}$ miles
4)	$3\frac{1}{30}$
5)	$12\frac{7}{9}$
6)	0.5
7)	9L
8)	3
	$\overline{2}$
9)	$39\frac{3}{20}$ square feet
10)	<u>2</u> <u>5</u>



## **FUN FACT**

- 1. The word <u>fraction</u> originated from the Latin word 'fractio' that means 'to break'.
- 2. Egyptians were the first to use fractions to solve their mathematical problems.
- 3. Vinculum is the small horizontal line that separates <u>numerator</u> and <u>denominator</u> in a fraction.

