MULTIPLYING MIXED NUMBERS WORKSHEET-III

1) Evaluate the following :

$$1\frac{3}{4} \times \frac{4}{7}$$

2) Daniel drives a car at the rate of $7\frac{1}{7}$ km/h. How much distance will he cover in $8\frac{1}{2}$ hours?

3) Which number should be divided by $3\frac{2}{7}$ to obtain $2\frac{1}{3}$ as the result?

4) Find out which of the following fractions will be best suited for the given question mark: $? \div 2\frac{1}{2} = 1\frac{1}{5}$

    a) 6

    b) 3

    c) $\frac{12}{25}$

    d) None of the above

5) Compare the following fractions using the $>$, $<$, or $=$ sign.

$$4\frac{1}{3} \times 2\frac{2}{5} \;\square\; 2\frac{2}{15} \times 2\frac{1}{4}$$

6) State whether the following equation is correct or incorrect?

$$2\frac{1}{8} \times 3\frac{1}{3} = 6\frac{1}{2}$$

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7) Evaluate the given expression:

$$2\frac{1}{7} \times 1\frac{2}{3} + 1\frac{1}{3} \times 1\frac{5}{7}$$

8) A shopkeeper sells a notebook for $ $2\frac{2}{5}$. The number of notebooks sold by him on a particular day is 45. Find the total amount earned by him on that day.

9) Which of the following would give 6 as the result.

    a) $2\frac{1}{5} \times \frac{5}{11}$

    b) $2\frac{1}{9} \times 2\frac{16}{19}$

    c) $4\frac{1}{3} \times \frac{3}{13}$

    d) None of the above

10) Solve: $6\frac{1}{4} \times 1\frac{1}{2} \times 2\frac{6}{9}$

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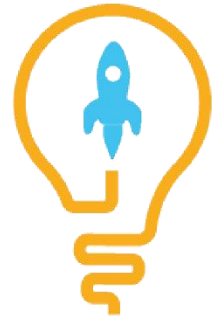
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ANSWERS

1)	1
2)	$60\frac{5}{7}$ km
3)	$7\frac{2}{3}$
4)	b)
5)	>
6)	Incorrect
7)	$5\frac{6}{7}$
8)	$108
9)	b)
10)	25

FUN FACT

1. The word fraction has its origin from the Latin word "fractio", meaning "to break".

2. A mixed number is a whole number, and a proper fraction represented together.

3. Multiplying a mixed number by a whole number is performing the repeated addition of the mixed number as many times as the whole number.