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#### MULTIPLYING MIXED NUMBERS WORKSHEET-II

- 1) Evaluate the following:  $1\frac{1}{4} \times 2\frac{2}{5}$
- 2) Find the area of a square park which has a side length of  $1\frac{1}{2}$  m.



- 3) Which number should be divided by  $2\frac{1}{7}$  to obtain  $9\frac{1}{3}$  as the result?
- 4) Find out which of the following fractions will be best suited for the given question mark: ?  $\div 1\frac{1}{2} = 1\frac{1}{3}$ 
  - a)4
  - b)2
  - $(3)^{\frac{8}{8}}$
  - d)None of the above
- 5) Compare the following fractions using the  $\rangle$ ,  $\langle$ , or = sign.

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

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

$$1\frac{1}{8} \times 1\frac{7}{9} = 2$$



7) Evaluate the given expression:

$$1\frac{1}{7} \times 1\frac{6}{8} + 1\frac{1}{6} \times 1\frac{5}{7}$$

8) Jackson had 15 pastries in total. Each pastry has  $4\frac{2}{7}$ amount of calories. Find the total calories consumed by Jackson if he ate  $3\frac{1}{2}$  pastries.



9) Which of the following would give 5 as the result.

a) 
$$2\frac{1}{7} \times \frac{7}{15}$$

b)
$$2\frac{1}{5} \times 2\frac{3}{11}$$
  
c) $4\frac{2}{3} \times 1\frac{3}{8}$ 

c) 
$$4\frac{3}{3} \times 1\frac{3}{8}$$

d) None of the above

10) Solve: 
$$2\frac{1}{4} \times 3\frac{1}{2} \times 1\frac{1}{7}$$



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She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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# **ANSWERS**



1)	3
2)	$2\frac{1}{4}m^2$
3)	20
4)	b)
5)	>
6)	Correct
7)	4
8)	15 calories
9)	b)
10)	9



#### FUN FACT

- 1. To multiply a mixed number by a whole number, perform the repeated addition of the mixed number as many times as the whole number.
- 2. The word <u>fraction</u> has its origin from the Latin word "fractio", meaning "to break".
- 3. A mixed number is a <u>whole number</u>, and a proper <u>fraction</u> represented together.

