9 ¾ ÷3 is :

First you have to change the mixed number into an improper fraction:

9 ¾ --- 4 x 9 + 3 = 39

 4 4

Divide 39/4 by 3.

39/4 ÷ 3/1

Cross Multiply:

39 x 1 =39

4 x 3 = 12

That becomes 39/12.

Reduce to its lowest term:

Find the GCF of the 2 numbers.

39=1, 3, 13, 39

12=1, 2, 3, 4, 6, 12

3 is the common factor

Divide:

39 ÷3= 13

12 ÷ 3 = 4

That makes up 13/4

Change into mixed number by dividing 13 by 4.

13 ÷ 4 is equals to 3 remainder 1.

In general rule, remainders should be the top number (numerator) and the divisor should be the bottom number (denominator).

That means; 3 (whole number) and 1/4 Or 3 1/4