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Multiply a mixed number by a fraction

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a.	3 4	×	5	5																								
b.	9-	1 >	< 1C	7																								
c.	1 3	×	12	1 4																								
d.	2 5	- ×	2	1 5																								
e.	7-	3)	x 12	<u>5</u>																								
f.	2	×	16	1 2																								
g.	2	×	7	7																								
h.	7-	2 5	15	2 3																								
i.	1 2	×	18-	1 2																								
j.	2 6	×	12	1 2																								





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Multiply a mixed number by a fraction

	Multiply the following. Write your	r answer as a fraction or as a whole or mixed number.
a.	3/4 x 5/2/5	
	Let's first of all convert $5\frac{2}{5}$ into an in $5\frac{2}{5} = \frac{(5x5)+2}{5} = \frac{27}{5}$ Now, lets multiply. $\frac{3}{4} \times \frac{27}{5} = \frac{3 \times 27}{4 \times 5} = \frac{81}{20}$	mproper fraction. 4 $\frac{81}{20} = 20 81$ $\frac{-80}{1} = 4\frac{1}{20}$ So, $\frac{3}{4} \times 5\frac{2}{5} = 4\frac{1}{20}$
	Finally, let's simplify our answer.	
b.	$9\frac{1}{2} \times 10^{-\frac{2}{7}}$	
	Let's first of all convert $9\frac{1}{2}$ and $10\frac{1}{2}$	2 into improper fractions. 97
	$9\frac{1}{2} = \frac{(2\times9)+1}{2} = \frac{19}{2}$	$\frac{1,368}{14} = 14 \ 1,368$ $\frac{1}{126} = 97\frac{10}{14} \longrightarrow 97\frac{5}{7}$
	$10^{-\frac{2}{7}} = \frac{(10 \times 7) + 2}{7} = \frac{72}{7}$ Now, lets multiply.	108
	$\frac{19}{2} \times \frac{72}{7} = \frac{19 \times 72}{2 \times 7} = \frac{1,368}{14}$	10
	Finally, let's simplify our answer.	So, $9\frac{1}{2} \times 10\frac{2}{7} = 97\frac{5}{7}$
c.	$\frac{1}{3}$ x $12\frac{1}{4}$ Let's first of all convert $12\frac{1}{4}$ into an in	
	$12\frac{1}{4} = \frac{(4x12)+1}{4} = \frac{49}{4}$ Now, lets multiply.	$\frac{49}{12} = 12 49$ $\frac{49}{12} = 48 = 4\frac{1}{12}$
	$\frac{1}{3} \times \frac{49}{4} = \frac{1 \times 49}{3 \times 4} = \frac{49}{12}$	So, $\frac{1}{3} \times 12\frac{1}{4} = 4\frac{1}{12}$
	Finally, let's simplify our answer.	