Multiplying Fractions and Mixed Numbers

Name _____
Date _____ class pd ____
Assignment # ____

- Simplify your final answers please☺

1. $\frac{1}{3} \times \frac{3}{8}$ _____

2. $\frac{2}{3} \times \frac{3}{5}$ _____

3. $\frac{5}{12} \times \frac{6}{7}$ _____

4. $9 \times 4\frac{1}{3}$ _____

5. $\frac{1}{2} \times 2\frac{1}{4}$ _____

6. $7\frac{1}{2} \times 1\frac{1}{3}$ _____

7. $\frac{1}{3} \times \frac{3}{5} \times \frac{5}{7}$ _____

8. $\frac{5}{2} \times \frac{2}{3} \times \frac{3}{10}$ _____

9. $\frac{3}{4} \times \frac{4}{5} \times \frac{1}{3}$ _____

10. $2 \times 6\frac{2}{5}$ _____

11. $4\frac{1}{3} \times 1\frac{1}{2}$ _____

12. $2\frac{4}{7} \times \frac{5}{9}$ _____

Mixed Applications

13. A gardener uses $\frac{2}{3}$ of a greenhouse for growing roses, with $\frac{3}{8}$ of this space for tea roses. What part of the space is used to grow tea roses?

_____

14. Tiffany spent $\frac{3}{5}$ of her money to buy begonias and $\frac{1}{2}$ of the remaining money to buy peas. What part of her money did she spend on peas?

_____

Mixed Applications

15. At the circus $\frac{1}{8}$ of the performers were trapeze artists. Of these, $\frac{2}{3}$ were women. What part of the circus performers were women trapeze artists?

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16. Jim and his uncle went to the circus. Together they spent \$30, $\frac{4}{15}$ of that for a bus ride, $\frac{2}{5}$ for food, \$7 for tickets, and the rest on souvenirs. What part of their money did they spend on souvenirs?

_____

ice appearing earlier in this work.