

2.1 Practice

Name _____

Date _____

Multiply. Write each answer in simplest form. Show your work.

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

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

3. $\frac{2}{3} \times \frac{7}{11}$

4. $\frac{6}{7} \times \frac{5}{6}$

5. $\frac{2}{5} \times \frac{5}{8}$

6. $\frac{8}{15} \times \frac{3}{10}$

7. $\frac{2}{9} \times \frac{12}{13}$

8. $\frac{7}{8} \times 12$

9. $4 \times \frac{5}{12}$

10. $\frac{4}{9} \times \frac{4}{9}$

11. $\frac{3}{14} \times \frac{7}{9}$

12. $\frac{8}{9} \times \frac{24}{11}$

2.1 Practice

Name _____

Date _____

Multiply. Write each answer in simplest form. Show your work.

13. $2\frac{2}{5} \times \frac{1}{4}$

14. $5\frac{3}{5} \times \frac{5}{7}$

15. $5\frac{1}{2} \times \frac{7}{11}$

16. $6\frac{2}{3} \times 12$

17. $4\frac{2}{5} \times 1\frac{7}{8}$

18. $9 \times 2\frac{2}{3}$

19. $4\frac{4}{9} \times \frac{3}{8}$

20. $3\frac{5}{8} \times 12$

21. $4\frac{2}{3} \times \frac{3}{14}$

2.1 Practice

Name _____

Date _____

22. Describe and correct the error. The student multiplied the whole-number parts and fraction parts separately.

$$3 \frac{7}{8} \times 6 \frac{2}{5} = 18 \frac{14}{40} = 18 \frac{7}{20}$$

23. Two-fifths of a class are in the band. One-fourth of those students play the saxophone. (a) What fraction of the class plays saxophone? (b) If the class has 30 students, how many play saxophone?

24. Five years ago, an alligator was $2\frac{1}{6}$ feet long. Today it is three times as long. How long is it now?

25. A poster is $8\frac{1}{2}$ inches by 11 inches. Each dimension is enlarged by a factor of $2\frac{1}{2}$. Find the area of the enlarged poster.