

1 Exercises

1.1 Exercise

Multiply the fractions. Reduce your answer to its lowest terms. If your answer is an improper fraction, convert it to a mixed number. Show your work in the space provided.

1. $\underline{\quad} \times 2\frac{2}{4} = 7\frac{1}{2}$

2. $\underline{\quad} \times 5 = 27\frac{1}{2}$

3. $1 \times \underline{\quad} = 1\frac{2}{3}$

4. $\underline{\quad} \times 4 = 17\frac{1}{3}$

5. $\underline{\quad} \times 5\frac{2}{3} = 22\frac{2}{3}$

6. $\underline{\quad} \times 4\frac{3}{6} = 13\frac{1}{2}$

7. $\underline{\quad} \times 1\frac{3}{4} = 5\frac{1}{4}$

8. $2\frac{1}{2} \times \underline{\quad} = 8$

9. $2\frac{1}{5} \times \underline{\quad} = 5\frac{1}{2}$

10. $5\frac{1}{2} \times \underline{\quad} = 13\frac{3}{4}$

11. $3\frac{3}{5} \times \underline{\quad} = 8\frac{2}{5}$

12. $\underline{\quad} \times 6\frac{1}{2} = 17\frac{7}{8}$

13. $\underline{\quad} \times 4\frac{4}{6} = 6\frac{2}{9}$

14. $3\frac{1}{2} \times \underline{\quad} = 16\frac{5}{8}$

15. $3\frac{2}{4} \times \underline{\quad} = 9\frac{1}{3}$

16. $2\frac{2}{3} \times \underline{\hspace{1cm}} = 15\frac{1}{9}$

17. $4\frac{2}{4} \times \underline{\hspace{1cm}} = 7\frac{7}{8}$

18. $\underline{\hspace{1cm}} \times 4\frac{1}{2} = 21\frac{3}{8}$

19. $3\frac{2}{3} \times \underline{\hspace{1cm}} = 19\frac{1}{15}$

20. $\underline{\hspace{1cm}} \times 4\frac{5}{6} = 12\frac{1}{12}$

21. $\underline{\hspace{1cm}} \times 2\frac{2}{4} = 14\frac{1}{6}$

22. $\underline{\hspace{1cm}} \times 2\frac{3}{4} = 8\frac{9}{14}$

23. $4\frac{2}{6} \times \underline{\hspace{1cm}} = 11\frac{5}{9}$

24. $\underline{\hspace{1cm}} \times 5\frac{1}{4} = 13\frac{13}{20}$

25. $3\frac{2}{5} \times \underline{\hspace{1cm}} = 8\frac{4}{25}$

26. $\underline{\hspace{1cm}} \times 8\frac{2}{3} = 10\frac{5}{6}$

27. $4\frac{1}{5} \times \underline{\hspace{1cm}} = 10\frac{1}{5}$

28. $\underline{\hspace{1cm}} \times 2\frac{2}{3} = 9\frac{7}{9}$

29. $2\frac{3}{4} \times \underline{\hspace{1cm}} = 14\frac{1}{18}$

30. $2\frac{2}{4} \times \underline{\hspace{1cm}} = 14\frac{1}{2}$

31. $3\frac{3}{5} \times \underline{\hspace{1cm}} = 13\frac{1}{2}$

32. $5\frac{3}{5} \times \underline{\hspace{1cm}} = 19\frac{1}{25}$

33. $4\frac{3}{5} \times \underline{\hspace{1cm}} = 12\frac{22}{25}$

$$34. \quad \underline{\quad} \times 4\frac{3}{4} = 27\frac{11}{20}$$

2 Answers

2.1 Exercise

Multiply the fractions. Reduce your answer to its lowest terms. If your answer is an improper fraction, convert it to a mixed number. Show your work in the space provided.

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

$$2. \quad \underline{5\frac{1}{2}} \times 5 = 27\frac{1}{2}$$

$$3. \quad 1 \times \underline{1\frac{2}{3}} = 1\frac{2}{3}$$

$$4. \quad \underline{4\frac{2}{6}} \times 4 = 17\frac{1}{3}$$

$$5. \quad \underline{4} \times 5\frac{2}{3} = 22\frac{2}{3}$$

$$6. \quad \underline{3} \times 4\frac{3}{6} = 13\frac{1}{2}$$

$$7. \quad \underline{3} \times 1\frac{3}{4} = 5\frac{1}{4}$$

$$8. \quad 2\frac{1}{2} \times \underline{3\frac{1}{5}} = 8$$

$$9. \quad 2\frac{1}{5} \times \underline{2\frac{2}{4}} = 5\frac{1}{2}$$

$$10. \quad 5\frac{1}{2} \times \underline{2\frac{2}{4}} = 13\frac{3}{4}$$

$$11. \quad 3\frac{3}{5} \times \underline{2\frac{1}{3}} = 8\frac{2}{5}$$

$$12. \quad \underline{2\frac{3}{4}} \times 6\frac{1}{2} = 17\frac{7}{8}$$

13. $\underline{1\frac{1}{3}} \times 4\frac{4}{6} = 6\frac{2}{9}$

14. $3\frac{1}{2} \times \underline{4\frac{3}{4}} = 16\frac{5}{8}$

15. $3\frac{2}{4} \times \underline{2\frac{2}{3}} = 9\frac{1}{3}$

16. $2\frac{2}{3} \times \underline{5\frac{2}{3}} = 15\frac{1}{9}$

17. $4\frac{2}{4} \times \underline{1\frac{3}{4}} = 7\frac{7}{8}$

18. $\underline{4\frac{3}{4}} \times 4\frac{1}{2} = 21\frac{3}{8}$

19. $3\frac{2}{3} \times \underline{5\frac{1}{5}} = 19\frac{1}{15}$

20. $\underline{2\frac{1}{2}} \times 4\frac{5}{6} = 12\frac{1}{12}$

21. $\underline{5\frac{2}{3}} \times 2\frac{2}{4} = 14\frac{1}{6}$

22. $\underline{3\frac{1}{7}} \times 2\frac{3}{4} = 8\frac{9}{14}$

23. $4\frac{2}{6} \times \underline{2\frac{2}{3}} = 11\frac{5}{9}$

24. $\underline{2\frac{3}{5}} \times 5\frac{1}{4} = 13\frac{13}{20}$

25. $3\frac{2}{5} \times \underline{2\frac{2}{5}} = 8\frac{4}{25}$

26. $\underline{1\frac{2}{8}} \times 8\frac{2}{3} = 10\frac{5}{6}$

27. $4\frac{1}{5} \times \underline{2\frac{3}{7}} = 10\frac{1}{5}$

28. $\underline{3\frac{4}{6}} \times 2\frac{2}{3} = 9\frac{7}{9}$

29. $2\frac{3}{4} \times \underline{5\frac{1}{9}} = 14\frac{1}{18}$

30. $2\frac{2}{4} \times \underline{5\frac{4}{5}} = 14\frac{1}{2}$

$$31. \quad 3\frac{3}{5} \times \underline{3\frac{3}{4}} = 13\frac{1}{2}$$

$$32. \quad 5\frac{3}{5} \times \underline{3\frac{2}{5}} = 19\frac{1}{25}$$

$$33. \quad 4\frac{3}{5} \times \underline{2\frac{4}{5}} = 12\frac{22}{25}$$

$$34. \quad \underline{5\frac{4}{5}} \times 4\frac{3}{4} = 27\frac{11}{20}$$