

Name: _____



EXTENDED PRACTICE: MULTIPLYING FRACTIONS AND WHOLE NUMBERS

Directions: Solve each of the following.

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

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

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

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

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

6. $\frac{1}{8} \times 5 =$ _____

7. $\frac{1}{8} \times 7 =$ _____

8. $7 \times \frac{1}{8} =$ _____

9. $1 \times \frac{1}{10} =$ _____

10. $3 \times \frac{1}{10} =$ _____

11. $\frac{1}{10} \times 7 =$ _____

12. $\frac{1}{10} \times 9 =$ _____

13. $4 \times \frac{1}{2} =$ _____

14. $\frac{1}{3} \times 6 =$ _____

15. $\frac{1}{3} \times 9 =$ _____

16. $\frac{1}{3} \times 12 =$ _____

17. $10 \times \frac{1}{5} =$ _____

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

19. $\frac{2}{3} \times 15 =$ _____

20. $\frac{1}{4} \times 8 =$ _____

21. $\frac{3}{4} \times 8 =$ _____

22. $\frac{1}{6} \times 12 =$ _____

23. $\frac{5}{6} \times 18 =$ _____

24. $\frac{1}{3} \times 18 =$ _____

25. $\frac{2}{3} \times 18 =$ _____

26. $6 \times \frac{2}{3} =$ _____

27. $\frac{1}{5} \times 15 =$ _____

28. $\frac{2}{5} \times 15 =$ _____

29. $\frac{3}{5} \times 15 =$ _____

30. $\frac{4}{5} \times 15 =$ _____

31. $15 \times \frac{5}{5} =$ _____

32. $24 \times \frac{1}{6} =$ _____

33. $24 \times \frac{5}{6} =$ _____

34. $\frac{5}{6} \times 18 =$ _____

35. $24 \times \frac{1}{4} =$ _____

36. $\frac{3}{4} \times 24 =$ _____

37. $32 \times \frac{1}{8} =$ _____

38. $32 \times \frac{3}{8} =$ _____

39. $\frac{5}{8} \times 32 =$ _____

40. $32 \times \frac{7}{8} =$ _____

41. $\frac{5}{9} \times 54 =$ _____

42. $63 \times \frac{7}{9} =$ _____

43. $56 \times \frac{3}{7} =$ _____

44. $\frac{6}{7} \times 49 =$ _____

ANSWER KEY

1. $1/5 \times 3 = \frac{3}{5}$
2. $1/5 \times 2 = \frac{2}{5}$
3. $1/5 \times 4 = \frac{4}{5}$
4. $2 \times 1/3 = \frac{2}{3}$
5. $1/8 \times 3 = \frac{3}{8}$
6. $1/8 \times 5 = \frac{5}{8}$
7. $1/8 \times 7 = \frac{7}{8}$
8. $7 \times 1/8 = \frac{7}{8}$
9. $1 \times 1/10 = \frac{1}{10}$
10. $3 \times 1/10 = \frac{3}{10}$
11. $1/10 \times 7 = \frac{7}{10}$
12. $1/10 \times 9 = \frac{9}{10}$
13. $4 \times 1/2 = \frac{4}{2}$ or 2
14. $1/3 \times 6 = \frac{6}{3}$ or 2
15. $1/3 \times 9 = \frac{9}{3}$ or 3
16. $1/3 \times 12 = \frac{12}{3}$ or 4
17. $10 \times 1/5 = \frac{10}{5}$ or 2
18. $2/3 \times 9 = \frac{18}{3}$ or 6
19. $2/3 \times 15 = \frac{30}{3}$ or 10
20. $1/4 \times 8 = \frac{8}{4}$ or 2
21. $3/4 \times 8 = \frac{24}{4}$ or 6
22. $1/6 \times 12 = \frac{12}{6}$ or 2
23. $5/6 \times 18 = \frac{90}{6}$ or 15
24. $1/3 \times 18 = \frac{18}{3}$ or 6
25. $2/3 \times 18 = \frac{36}{3}$ or 12
26. $6 \times 2/3 = \frac{12}{3}$ or 4
27. $1/5 \times 15 = \frac{15}{5}$ or 3
28. $2/5 \times 15 = \frac{30}{5}$ or 6
29. $3/5 \times 15 = \frac{45}{5}$ or 9
30. $4/5 \times 15 = \frac{60}{5}$ or 12
31. $15 \times 5/5 = \frac{150}{5}$ or 15
32. $24 \times 1/6 = \frac{24}{6}$ or 4
33. $24 \times 5/6 = \frac{120}{6}$ or 20
34. $5/6 \times 18 = \frac{90}{6}$ or 15
35. $24 \times 1/4 = \frac{24}{4}$ or 6
36. $3/4 \times 24 = \frac{72}{4}$ or 18
37. $32 \times 1/8 = \frac{32}{8}$ or 4
38. $32 \times 3/8 = \frac{96}{8}$ or 12
39. $5/8 \times 32 = \frac{160}{8}$ or 20
40. $32 \times 7/8 = \frac{224}{8}$ or 28
41. $5/9 \times 54 = \frac{270}{9}$ or 30
42. $63 \times 7/9 = \frac{441}{9}$ or 49
43. $56 \times 3/7 = \frac{168}{7}$ or 24
44. $6/7 \times 49 = \frac{294}{7}$ or 42