

## Multiplication Skill 5 - 5A

### Decimals and Whole Numbers

<p><b>Step 1</b> Multiply.</p> $\begin{array}{r} 0.4 \\ \times 3 \\ \hline 12 \end{array}$	<p><b>Step 2</b> Count the number of decimal places.</p> $\begin{array}{r} 0.4 \leftarrow 1 \text{ decimal place} \\ \times 3 \leftarrow 0 \text{ decimal places} \end{array}$	<p><b>Step 3</b> There is a total of one decimal place. (look at step 2). Move the decimal point in the product one place to the left.</p> $\begin{array}{r} 0.4 \\ \times 3 \\ \hline 1.2 \end{array}$
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**Directions:** Multiply

1. 
$$\begin{array}{r} 0.5 \\ \times 4 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 0.7 \\ \times 6 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 0.2 \\ \times 9 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 2.4 \\ \times 2 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 3.2 \\ \times 3 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 0.32 \\ \times 3 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 12.3 \\ \times 22 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 10.5 \\ \times 11 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 20 \\ \times 1.5 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 2.02 \\ \times 5 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 3.25 \\ \times 35 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 35.6 \\ \times 3 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 2.24 \\ \times 4 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 13.6 \\ \times 2 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 6.9 \\ \times 8 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 2.6 \\ \times 42 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 0.9 \\ \times 8 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 1.7 \\ \times 9 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 15.5 \\ \times 3 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} 25.32 \\ \times 3 \\ \hline \end{array}$$

Multiplication  
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**Decimals and Whole Numbers****Directions:** Multiply

21. 
$$\begin{array}{r} 0.25 \\ \times 3 \\ \hline \end{array}$$

22. 
$$\begin{array}{r} 0.02 \\ \times 5 \\ \hline \end{array}$$

23. 
$$\begin{array}{r} 0.6 \\ \times 10 \\ \hline \end{array}$$

24. 
$$\begin{array}{r} 3.02 \\ \times 10 \\ \hline \end{array}$$

25. 
$$\begin{array}{r} 0.42 \\ \times 9 \\ \hline \end{array}$$

26. 
$$\begin{array}{r} 0.07 \\ \times 17 \\ \hline \end{array}$$

27. 
$$\begin{array}{r} 0.09 \\ \times 5 \\ \hline \end{array}$$

28. 
$$\begin{array}{r} 3.03 \\ \times 11 \\ \hline \end{array}$$

29. 
$$\begin{array}{r} 0.92 \\ \times 12 \\ \hline \end{array}$$

30. 
$$\begin{array}{r} 15.5 \\ \times 10 \\ \hline \end{array}$$

31. 
$$\begin{array}{r} 0.21 \\ \times 24 \\ \hline \end{array}$$

32. 
$$\begin{array}{r} 6.04 \\ \times 17 \\ \hline \end{array}$$

33. 
$$\begin{array}{r} 0.89 \\ \times 27 \\ \hline \end{array}$$

34. 
$$\begin{array}{r} 5.05 \\ \times 20 \\ \hline \end{array}$$

35. 
$$\begin{array}{r} 5.25 \\ \times 23 \\ \hline \end{array}$$

36. 
$$\begin{array}{r} 0.42 \\ \times 9 \\ \hline \end{array}$$

Multiplication  
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**Decimals and Whole Numbers****Directions:** Multiply

37. 
$$\begin{array}{r} 0.07 \\ \times 17 \\ \hline \end{array}$$

38. 
$$\begin{array}{r} 0.09 \\ \times 5 \\ \hline \end{array}$$

39. 
$$\begin{array}{r} 3.03 \\ \times 11 \\ \hline \end{array}$$

40. 
$$\begin{array}{r} 5.05 \\ \times 20 \\ \hline \end{array}$$

41. 
$$\begin{array}{r} 0.92 \\ \times 12 \\ \hline \end{array}$$

42. 
$$\begin{array}{r} 15.5 \\ \times 10 \\ \hline \end{array}$$

43. 
$$\begin{array}{r} 0.21 \\ \times 24 \\ \hline \end{array}$$

44. 
$$\begin{array}{r} 6.04 \\ \times 17 \\ \hline \end{array}$$

45. 
$$\begin{array}{r} 0.05 \\ \times 10 \\ \hline \end{array}$$

46. 
$$\begin{array}{r} 0.73 \\ \times 15 \\ \hline \end{array}$$

47. 
$$\begin{array}{r} 57.7 \\ \times 4 \\ \hline \end{array}$$

48. 
$$\begin{array}{r} 85.9 \\ \times 9 \\ \hline \end{array}$$

49. 
$$\begin{array}{r} 12.2 \\ \times 14 \\ \hline \end{array}$$

50. 
$$\begin{array}{r} 15.09 \\ \times 31 \\ \hline \end{array}$$

51. 
$$\begin{array}{r} 78.45 \\ \times 10 \\ \hline \end{array}$$

52. 
$$\begin{array}{r} 65.02 \\ \times 70 \\ \hline \end{array}$$

Answer Key  
Skill 5 - 5A

- |     |   |     |  |     |  |     |  |     |  |
|-----|---|-----|--|-----|--|-----|--|-----|--|
| 1.  | $\begin{array}{r} 0.5 \\ \times 4 \\ \hline 2.0 \end{array}$      | 2.  | $\begin{array}{r} 0.7 \\ \times 6 \\ \hline 4.2 \end{array}$     | 3.  | $\begin{array}{r} 0.2 \\ \times 9 \\ \hline 1.8 \end{array}$     | 4.  | $\begin{array}{r} 2.4 \\ \times 2 \\ \hline 4.8 \end{array}$   | 5.  | $\begin{array}{r} 3.2 \\ \times 3 \\ \hline 9.6 \end{array}$     |
| 6.  | $\begin{array}{r} 0.32 \\ \times 3 \\ \hline 0.96 \end{array}$    | 7.  | $\begin{array}{r} 12.3 \\ \times 22 \\ \hline 270.6 \end{array}$ | 8.  | $\begin{array}{r} 10.5 \\ \times 11 \\ \hline 115.5 \end{array}$ | 9.  | $\begin{array}{r} 20 \\ \times 1.5 \\ \hline 30.0 \end{array}$ | 10. | $\begin{array}{r} 2.02 \\ \times 5 \\ \hline 10.10 \end{array}$  |
| 11. | $\begin{array}{r} 3.25 \\ \times 35 \\ \hline 113.75 \end{array}$ | 12. | $\begin{array}{r} 35.6 \\ \times 3 \\ \hline 106.8 \end{array}$  | 13. | $\begin{array}{r} 2.24 \\ \times 4 \\ \hline 8.96 \end{array}$   | 14. | $\begin{array}{r} 13.6 \\ \times 2 \\ \hline 27.2 \end{array}$ | 15. | $\begin{array}{r} 6.9 \\ \times 8 \\ \hline 55.2 \end{array}$    |
| 16. | $\begin{array}{r} 2.6 \\ \times 42 \\ \hline 109.2 \end{array}$   | 17. | $\begin{array}{r} 0.9 \\ \times 8 \\ \hline 7.2 \end{array}$     | 18. | $\begin{array}{r} 1.7 \\ \times 9 \\ \hline 15.3 \end{array}$    | 19. | $\begin{array}{r} 15.5 \\ \times 3 \\ \hline 46.5 \end{array}$ | 20. | $\begin{array}{r} 25.32 \\ \times 3 \\ \hline 75.96 \end{array}$ |

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|-----|--|-----|---|-----|---|-----|---|
| 21. | $\begin{array}{r} 0.25 \\ \times 3 \\ \hline 0.75 \end{array}$   | 22. | $\begin{array}{r} 0.02 \\ \times 5 \\ \hline 0.10 \end{array}$  | 23. | $\begin{array}{r} 0.6 \\ \times 10 \\ \hline 06.0 \end{array}$    | 24. | $\begin{array}{r} 3.02 \\ \times 10 \\ \hline 30.20 \end{array}$  |
| 25. | $\begin{array}{r} 0.42 \\ \times 9 \\ \hline 3.78 \end{array}$   | 26. | $\begin{array}{r} 0.07 \\ \times 17 \\ \hline 1.19 \end{array}$ | 27. | $\begin{array}{r} 0.09 \\ \times 5 \\ \hline 0.45 \end{array}$    | 28. | $\begin{array}{r} 3.03 \\ \times 11 \\ \hline 33.33 \end{array}$  |
| 29. | $\begin{array}{r} 0.92 \\ \times 12 \\ \hline 11.04 \end{array}$ | 30. | $\begin{array}{r} 15.5 \\ \times 10 \\ \hline 155 \end{array}$  | 31. | $\begin{array}{r} 0.21 \\ \times 24 \\ \hline 5.04 \end{array}$   | 32. | $\begin{array}{r} 6.04 \\ \times 17 \\ \hline 102.68 \end{array}$ |
| 33. | $\begin{array}{r} 0.89 \\ \times 27 \\ \hline 24.03 \end{array}$ | 34. | $\begin{array}{r} 5.05 \\ \times 20 \\ \hline 101 \end{array}$  | 35. | $\begin{array}{r} 5.25 \\ \times 23 \\ \hline 120.75 \end{array}$ | 36. | $\begin{array}{r} 0.42 \\ \times 9 \\ \hline 3.78 \end{array}$    |

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- |     |  |     |  |     |  |     |   |
|-----|--|-----|--|-----|--|-----|---|
| 37. | $\begin{array}{r} 0.07 \\ \times 17 \\ \hline 1.19 \end{array}$  | 38. | $\begin{array}{r} 0.09 \\ \times 5 \\ \hline 0.45 \end{array}$     | 39. | $\begin{array}{r} 3.03 \\ \times 11 \\ \hline 33.33 \end{array}$   | 40. | $\begin{array}{r} 5.05 \\ \times 20 \\ \hline 101 \end{array}$      |
| 41. | $\begin{array}{r} 0.92 \\ \times 12 \\ \hline 12.92 \end{array}$ | 42. | $\begin{array}{r} 15.5 \\ \times 10 \\ \hline 155 \end{array}$     | 43. | $\begin{array}{r} 0.21 \\ \times 24 \\ \hline 5.04 \end{array}$    | 44. | $\begin{array}{r} 6.04 \\ \times 17 \\ \hline 102.68 \end{array}$   |
| 45. | $\begin{array}{r} 0.05 \\ \times 10 \\ \hline 0.50 \end{array}$  | 46. | $\begin{array}{r} 0.73 \\ \times 15 \\ \hline 10.95 \end{array}$   | 47. | $\begin{array}{r} 57.7 \\ \times 4 \\ \hline 230.8 \end{array}$    | 48. | $\begin{array}{r} 85.9 \\ \times 9 \\ \hline 773.1 \end{array}$     |
| 49. | $\begin{array}{r} 12.2 \\ \times 14 \\ \hline 170.8 \end{array}$ | 50. | $\begin{array}{r} 15.09 \\ \times 31 \\ \hline 467.79 \end{array}$ | 51. | $\begin{array}{r} 78.45 \\ \times 10 \\ \hline 784.50 \end{array}$ | 52. | $\begin{array}{r} 65.02 \\ \times 70 \\ \hline 4551.40 \end{array}$ |