

Multiplication

Skill 5 - 4C

Multiply Whole Numbers

Estimate each product. Use mental math.

	round each factor	use mental math to estimate	count the zeros 30 x 800
$\begin{array}{r} 752 \\ \times 29 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ \times 30 \\ \hline \end{array}$	$3 \times 8 = 24$	add 3 zeros $24,000$

1.
$$\begin{array}{r} 221 \\ \times 12 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 256 \\ \times 33 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 208 \\ \times 28 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 525 \\ \times 46 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 475 \\ \times 25 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 348 \\ \times 24 \\ \hline \end{array}$$

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$\begin{array}{r} 752 \\ \times 29 \\ \hline \end{array}$	$\begin{array}{r} 800 \\ \times 30 \\ \hline \end{array}$	$3 \times 8 = 24$	add 3 zeros $24,000$

7.
$$\begin{array}{r} 440 \\ \times 21 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 809 \\ \times 36 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 581 \\ \times 29 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 607 \\ \times 32 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 683 \\ \times 22 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 279 \\ \times 45 \\ \hline \end{array}$$

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$\begin{array}{r} 752 \\ \times 29 \\ \hline \end{array}$	round each factor $\begin{array}{r} 800 \\ \times 30 \\ \hline \end{array}$	use mental math to estimate $3 \times 8 = 24$	count the zeros 30×800 add 3 zeros $24,000$
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13.
$$\begin{array}{r} 150 \\ \times 15 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 225 \\ \times 25 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 160 \\ \times 58 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 115 \\ \times 75 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 875 \\ \times 62 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 420 \\ \times 49 \\ \hline \end{array}$$

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	round each factor	use mental math to estimate	count the zeros 5,000 x 30
$\begin{array}{r} 5,435 \\ \times 27 \\ \hline \end{array}$	$\begin{array}{r} 5,000 \\ \times 30 \\ \hline \end{array}$	$3 \times 5 = 15$	$\begin{array}{l} \text{add 4 zeros} \\ 150,000 \end{array}$

19.
$$\begin{array}{r} 7,526 \\ \times 57 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 5,632 \\ \times 24 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 4,340 \\ \times 36 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 3,450 \\ \times 32 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 2,867 \\ \times 41 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 2,250 \\ \times 25 \\ \hline \end{array}$$

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$\begin{array}{r} 5,435 \\ \times 27 \\ \hline \end{array}$	$\begin{array}{r} 5,000 \\ \times 30 \\ \hline \end{array}$	$3 \times 5 = 15$	$\begin{array}{l} \text{add 4 zeros} \\ 150,000 \end{array}$

25.
$$\begin{array}{r} 6,586 \\ \times 33 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 3,488 \\ \times 26 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 4,725 \\ \times 25 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 5,200 \\ \times 39 \\ \hline \end{array}$$

31.
$$\begin{array}{r} 9,443 \\ \times 29 \\ \hline \end{array}$$

32.
$$\begin{array}{r} 6,225 \\ \times 35 \\ \hline \end{array}$$

Answer Key
Skill 5 - 4C

1. 2,000

2. 9,000

3. 6,000

4. 25,000

5. 15,000

6. 6,000

Page 2

7. 8,000

8. 32,000

9. 18,000

10. 18,000

11. 14,000

12. 15,000

Page 3

13. 4,000

14. 6,000

15. 12,000

16. 8,000

17. 54,000

18. 20,000

Page 4

19. 480,000

20. 120,000

21. 160,000

22. 90,000

23. 120,000

24. 60,000

Page 6

25. 210,000

26. 90,000

28. 150,000

29. 200,000

31. 270,000

32. 240,000