

3, 4, 6, 7, and 8 as Factors

For 1 through 8, fill in each ____ .

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| 1. $3 \times 10 = (2 \times 10) + (1 \times \underline{\quad})$ | 2. $2 \times \underline{\quad} = (2 \times 5) + (2 \times 1)$ |
| 3. $4 \times 7 = (4 \times \underline{\quad}) + (4 \times 2)$ | 4. $11 \times 8 = (11 \times 5) + (11 \times \underline{\quad})$ |
| 5. $3 \times 6 = (3 \times 1) + (3 \times \underline{\quad})$ | 6. $6 \times 6 = (6 \times \underline{\quad}) + (6 \times 4)$ |
| 7. $7 \times \underline{\quad} = (7 \times 4) + (7 \times 3)$ | 8. $1 \times 8 = (1 \times \underline{\quad}) + (1 \times 3)$ |

For 9 through 20, use breaking apart to find each product.

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|------------------------|------------------------|-----------------------|
| 9. 5×5 ____ | 10. 3×6 ____ | 11. 4×2 ____ |
| 12. 7×3 ____ | 13. 7×2 ____ | 14. 6×6 ____ |
| 15. 7×7 ____ | 16. 6×7 ____ | 17. 8×3 ____ |
| 18. 10×6 ____ | 19. 6×12 ____ | 20. 4×6 ____ |

For 21 through 29, compare using $<$, $>$, or $=$ to fill in each \bigcirc .

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|--------------------------------------|---------------------------------------|---------------------------------------|
| 21. $3 \times 4 \bigcirc 6 \times 1$ | 22. $5 \times 8 \bigcirc 6 \times 7$ | 23. $3 \times 6 \bigcirc 9 \times 2$ |
| 24. $8 \times 4 \bigcirc 7 \times 4$ | 25. $7 \times 5 \bigcirc 12 \times 3$ | 26. $5 \times 6 \bigcirc 3 \times 10$ |
| 27. $1 \times 8 \bigcirc 2 \times 3$ | 28. $4 \times 5 \bigcirc 2 \times 10$ | 29. $8 \times 6 \bigcirc 7 \times 7$ |

30. Candice has placed her seashells into 4 rows with 5 seashells in each row. How many seashells does she have? ____

31. A chessboard has 8 rows and 8 columns. Each row has 4 white squares and 4 black squares. Which expression below would give you the number of black squares on a chessboard?

- A** 8×8 **B** 8×4 **C** 4×4 **D** $8 + 8$

32. **Writing to Explain** Using the breaking apart method, what is the best way to multiply 8 by 7?
