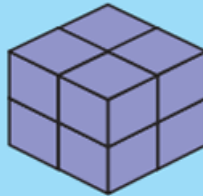


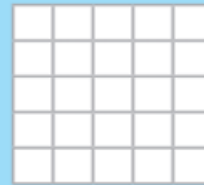
Squared² and Cubed³ Numbers



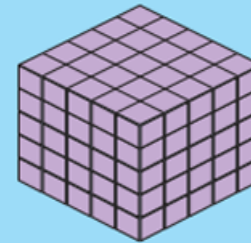
$$2^2 = 4$$
$$2 \times 2 = 4$$



$$2^3 = 8$$
$$2 \times 2 \times 2 = 8$$



$$5^2 = 25$$
$$5 \times 5 = 25$$



$$5^3 = 125$$
$$5 \times 5 \times 5 = 125$$

Related Calculations

$$8 \times 9 = 72$$
$$80 \times 9 = 720$$

$$72 \div 9 = 8$$
$$720 \div 9 = 80$$

$$9 \times 8 = 72$$
$$90 \times 8 = 720$$

$$72 \div 8 = 9$$
$$720 \div 8 = 90$$

Short Multiplication

$$2543 \times 7 = 17801$$

	2	5	4	3
×				7
1	7	8	0	1
1	3	3	2	

Remember to move any regrouped digits into the next column. After the next multiplication, add the regrouped number to the answer.

Long Multiplication

$$2543 \times 67 = 170381$$

		2	5	4	3
	×			6	7
	1	7	8	0	1
	1	3	3	2	
1	5	2	5	8	0
1	3	2	1		
1	7	0	3	8	1
1	1				

Before multiplying by the number in the tens column, remember to use zero as a placeholder because the 6 in 67 is 6 tens (60).

Division

$$136 \div 4 = 34$$

		3	4		
4		1	3	6	
-		1	2	0	→ 30 × 4
			1	6	
		-	1	6	→ 4 × 4
				0	

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Short Division

		3	8
4		1 ¹ 5	2

$$15 \div 4 = 3 \text{ remainder } 3$$

Remember to regroup any remainders and move them into the next column.

		4	5	5	r	3
5		2	2 ² 7	8		

$$28 \div 5 = 5 \text{ remainder } 3$$

If your calculation has a remainder, remember to record it in the answer using the letter **r**.