



Check Up

Complete the chart of perfect cubes.

Cube Root	Multiplication	Perfect Cube	$\sqrt[3]{b} = a$
3	$3 \times 3 \times 3$	27	$\sqrt[3]{27} = 3$
		-27	
4	$4 \times 4 \times 4$	64	$\sqrt[3]{64} = 4$
		-64	
5	$5 \times 5 \times 5$	125	$\sqrt[3]{125} = 5$
		-125	
6			
-6			



Compare your answers.

Complete the chart of perfect cubes.

Cube Root	Multiplication	Perfect Cube	$\sqrt[3]{b} = a$
3	$3 \times 3 \times 3$	27	$\sqrt[3]{27} = 3$
-3	$(-3) \times (-3) \times (-3)$	-27	$\sqrt[3]{(-27)} = -3$
4	$4 \times 4 \times 4$	64	$\sqrt[3]{64} = 4$
-4	$(-4) \times (-4) \times (-4)$	-64	$\sqrt[3]{(-64)} = -4$
5	$5 \times 5 \times 5$	125	$\sqrt[3]{125} = 5$
-5	$(-5) \times (-5) \times (-5)$	-125	$\sqrt[3]{(-125)} = -5$
6	$6 \times 6 \times 6$	216	$\sqrt[3]{216} = 6$
-6	$(-6) \times (-6) \times (-6)$	-216	$\sqrt[3]{(-216)} = -6$