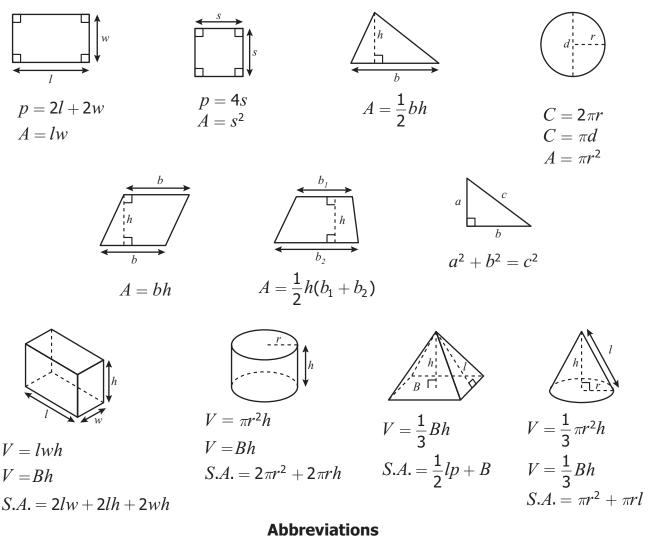
Middle School Mathematics Formula Sheet 2023 Mathematics Standards of Learning

Geometric Formulas



milligram	mg	
gram	g	
kilogram	kg	
milliliter	mL	
liter	L	
kiloliter	kL	
millimeter	mm	
centimeter	cm	
meter	m	
kilometer	km	
square centimeter	cm ²	
cubic centimeter	cm ³	

ounce	OZ
pound	lb
quart	qt
gallon	gal.
inch	in.
foot	ft
yard	yd
mile	mi.
square inch	sq in.
square foot	sq ft
cubic inch	cu in.
cubic foot	cu ft

Area	A
Area of Base	В
Circumference	С
Perimeter	p
Surface Area	S.A.
Volume	V

Pi

 $\pi \approx 3.14$



Copyright ©2024 by the Commonwealth of Virginia, Department of Education, P.O. Box 2120, Richmond, Virginia 23218-2120. All rights reserved. Except as permitted by law, this material may not be reproduced or used in any form or by any means, electronic or mechanical, including photocopying or recording, or by any information storage or retrieval system, without written permission from the copyright owner. Commonwealth of Virginia public school educators may reproduce any portion of this mathematics formula sheet for non-commercial educational purposes without requesting permission. All others should direct their written requests to the Virginia Department of Education at the above address or by email to: Student_Assessment@doe.virginia.gov.