Symbols

$\|x\|$	absolute value of x (p. 12)
adj. $\measuredangle$s	adjacent angles (p. 19)
alt. int. $\measuredangle$s	alternate interior angles (p. 74)
$\angle$, $\measuredangle$s	angle(s) (pp. 17, 19)
a	apothem (p. 441)
$\approx$	is approximately equal to (p. 306)
$\overset{\frown}{BC}$	arc with endpoints B and C (p. 339)
A	area (p. 423)
B	area of base (p. 476)
b	length of base; y-intercept (p. 424; p. 548)
$\odot O$	circle with center O (p. 329)
C	circumference (p. 446)
comp. $\measuredangle$s	complementary angles (p. 50)
$S \circ T$	composite of S and T (p. 599)
$\cong$	congruent, is congruent to (p. 13)
$\leftrightarrow$	corresponds to (p. 117)
corr. $\measuredangle$s	corresponding angles (p. 74)
cos	cosine (p. 312)
$^\circ$	degrees (p. 17)
diag.	diagonal (p. 187)
d	diameter; distance; length of diagonal (p. 446; p. 524; p. 430)
$D_{O,k}$	dilation with center O and scale factor k (p. 592)
e	edge length (p. 478)
$=$	equal(s); equality (pp. 13, 37)
ext. $\angle$	exterior angle (p. 103)
$>$, $\geq$	greater than; greater than or equal to (p. 16)
H_O	half turn about point O (p. 589)
h	height; length of altitude (p. 424; p. 435)
hyp.	hypotenuse (p. 141)
T^{-1}	inverse of transformation T (p. 605)
I	identity transformation (p. 605)
int. $\angle$	interior angle (p. 103)
L.A.	lateral area (p. 476)
JL	length of $\overline{JL}$, distance between points J and L (p. 11)
$<$, $\leq$	less than; less than or equal to (p. 16)
$\overleftrightarrow{AB}$	line containing points A and B (p. 5)
$S:A \rightarrow A'$	S maps point A to point A'. (p. 571)
$m\angle A$	measure of $\angle A$ (p. 17)
$\ncong$	not congruent (p. 215)
$\neq$	not equal (p. 37)
$\ngtr$	not greater than (p. 220)
$\nparallel$	not parallel (p. 216)
opp. $\measuredangle$s	opposite angles (p. 187)
(x, y)	ordered pair (p. 113)
$\parallel$	parallel, is parallel to (p. 73)
$\square$	parallelogram (p. 167)
p	perimeter (p. 426)
$\perp$	perpendicular, is perpendicular to (p. 56)
π	pi (p. 446)
n-gon	polygon with n sides (p. 101)
quad.	quadrilateral (p. 168)
r	radius (p. 446)
$\frac{a}{b}$, $a:b$	ratio of a to b (pp. 241, 242)
$\overrightarrow{AB}$	ray with endpoint A, passing through point B (p. 11)
R_j	reflection in line j (p. 577)
rt. $\angle$	right angle (p. 19)
rt. $\triangle$	right triangle (p. 290)
$\mathcal{R}_{O,90}$	rotation about point O through 90° (p. 588)
s-s. int. $\measuredangle$s	same-side interior angles (p. 74)
$\overline{AB}$	segment with endpoints A and B (p. 11)
s	length of a side of a regular polygon (p. 423)
$\sim$	similar, is similar to (p. 249)
sin	sine (p. 312)
l	slant height (p. 482)
m	slope (p. 529)
$\sqrt{x}$	positive square root of x (p. 280)
supp. $\measuredangle$s	supplementary angles (p. 50)
T.A.	total area (p. 476)
tan	tangent (p. 305)
trap.	trapezoid (p. 198)
$\triangle$, $\triangle$s	triangle(s) (pp. 93, 118)
$\overrightarrow{AB}$	vector from A to B (p. 539)
vert. $\measuredangle$s	vertical angles (p. 51)
V	volume (p. 476)