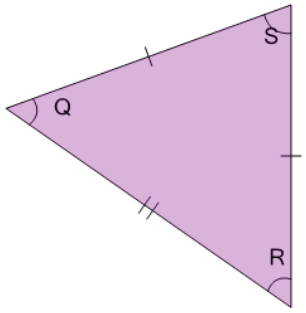
Math worksheet on *'Geometry of Triangles - Isosceles, Angle Rule (Level 1)'*. Part of a broader unit on *'Geometry - Isosceles and Equilateral Triangles'*

Learn online:

app.mobius.academy/math/units/geometry_triangles_isosceles_equilateral_intro/

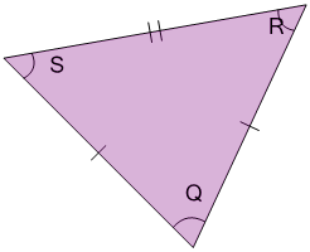
1



Given the side lengths, what do we know about this triangle's angles?

a	Q = R but not S
b	R = S but not Q
c	S, Q, and R are different
d	S = Q but not R
e	S = Q = R

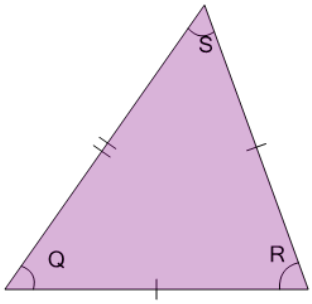
2



Given the side lengths, what do we know about this triangle's angles?

a	Q, R, and S are different
b	Q = R but not S
c	Q = R = S
d	R = S but not Q
e	S = Q but not R

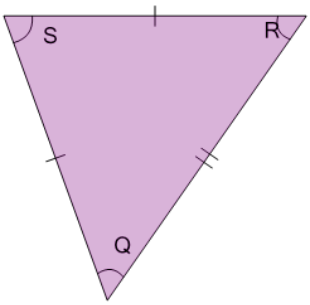
3



Given the side lengths, what do we know about this triangle's angles?

a	S = Q but not R
b	R = S but not Q
c	R = S = Q
d	Q = R but not S
e	R, S, and Q are different

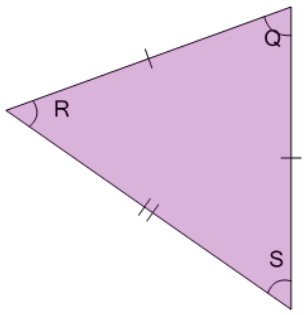
4



Given the side lengths, what do we know about this triangle's angles?

a	R = S but not Q
b	S, Q, and R are different
c	S = Q = R
d	S = Q but not R
e	Q = R but not S

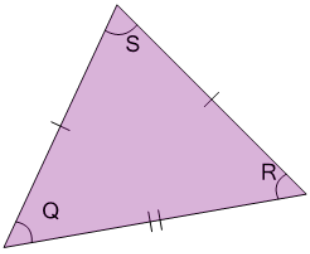
5



Given the side lengths, what do we know about this triangle's angles?

a	Q = R but not S
b	Q, R, and S are different
c	R = S but not Q
d	S = Q but not R
e	Q = R = S

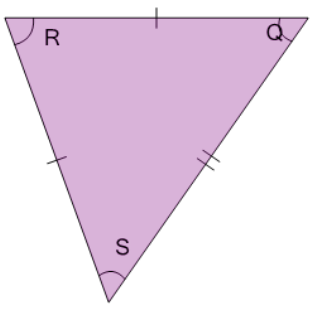
6



Given the side lengths, what do we know about this triangle's angles?

a	S = Q = R
b	R = S but not Q
c	S, Q, and R are different
d	S = Q but not R
e	Q = R but not S

7



Given the side lengths, what do we know about this triangle's angles?

a	S = Q but not R
b	R, S, and Q are different
c	Q = R but not S
d	R = S but not Q
e	R = S = Q