

Right triangles PQR and STU are similar, where P corresponds to S. If the measure of angle Q is 18°, what is the measure of angle S?

- **A)** 18°
- **B)** 72°
- C) 82°
- D) 162°





- **C)** 122°
- D) 212°

	Math I Geometry	y and Trigonometry	Ι	Lines, angle	es, and triangles	I Easy
#7		ID: f9d40000		#8		
In $\triangle XYZ$, the measure of $\angle Z$? A) 43° B) 89° C) 91° D) 179°	he measure of $\angle X$ is $\angle Y$ is 66°. What is the	s 23° and the e measure of		t	m x°	,



ID: 0d3f51dc

Ma	ath I Geometry and Trigonometry	Lines, angles, and triangles Easy				
#9	ID: b434e103	#11	ID: 3563d76d			
In \triangle <i>RST</i> , the methe following could of $\angle S$? A) 116 B) 118 C) 126 D) 180	In \triangle <i>RST</i> , the measure of $\angle R$ is 63°. Which of the following could be the measure, in degrees, of $\angle S$? A) 116 B) 118 C) 126 D) 180		 At a certain time and day, the Washington Monument in Washington, DC, casts a shadow that is 300 feet long. At the same time, a nearby cherry tree casts a shadow that is 16 feet long. Given that the Washington Monument is approximately 555 feet tall, which of the following is closest to the height, in feet, of the cherry tree? A) 10 B) 20 			
#10	ID: 69f4bbdc	C) 30 D) 35				
13° 13° Note: Fig In the right triangle ? A) 13 B) 77 C) 90 D) 103	ure not drawn to scale.	#12 A 20° Note: Figure C. If $x =$ A) 100 B) 90 C) 80 D) 60	ID: dfc420b2 \overrightarrow{B} \overrightarrow{P}			



- **C)** 144°
- D) 288°



- **B)** 26
- **C)** 52
- **D)** 154











D) AC = 4.68 mm

