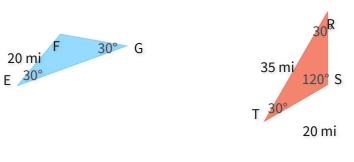
## These figures are congruent. What is GE?



40 mi

35 mi

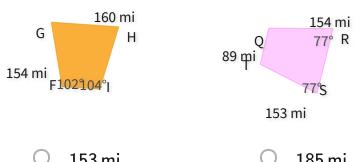
26 mi

32 mi

Show your work

#2

## These figures are congruent. What is HI?



153 mi

185 mi

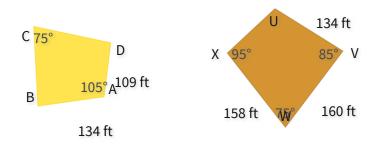
145 mi

155 mi

Show your work

#3

## These figures are congruent. What is $\angle B$ ?



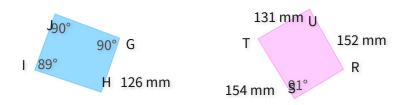


Show your work

CC.8.76

#4

These figures are congruent. What is JG?



O 152 mm

○ 180 mm

O 145 mm

106 mm

Show your work

#5

These figures are congruent. What is  $\angle C$ ?

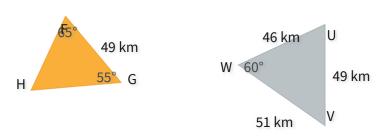




Show your work

#6

These figures are congruent. What is HF?



32 km

41 km

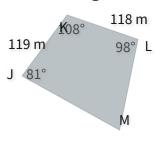
52 km

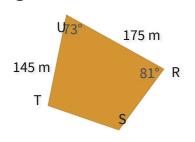
46 km

Show your work

Congruent Figures: Side Lengths and Angle Measures Name: These figures are congruent. What is IJ? 130 m 147 m X 92° 123 m G 162 m 79° m Show your work #8 These figures are congruent. What is JK? 97 km K J 122° 193 km 98 km km Show your work #9 These figures are congruent. What is GE? 17 m 18 m 6 m m Show your work #10

These figures are congruent. What is LM?





O 145 m

O 137 m

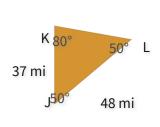
O 111 m

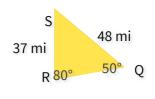
O 164 m

Show your work

#11

These figures are congruent. What is KL?





O 38 mi

O 30 mi

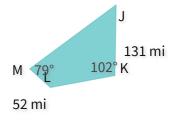
O 39 mi

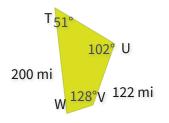
37 mi

Show your work

#12

These figures are congruent. What is  $\angle L$ ?





O 128°

O 129°

O 97°

O 93°

Show your work

Question	Answer
#1	choice 2
#2	choice 1
#3	85
#4	choice 1
#5	65
#6	choice 4
#7	147
#8	97
#9	17
#10	choice 1
#11	choice 4
#12	choice 1