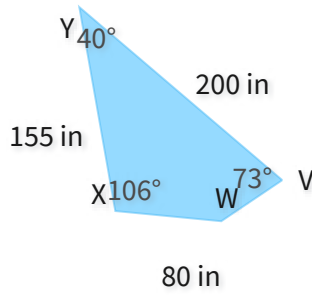
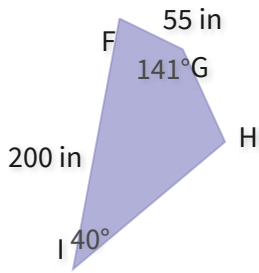


#1

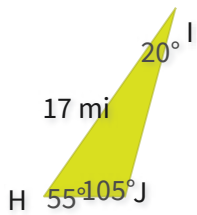
These figures are congruent. What is $\angle H$?



Show your work

#2

These figures are congruent. What is IJ?



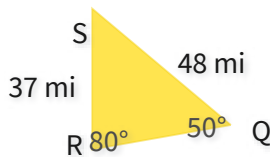
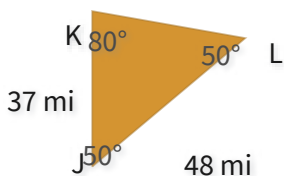
- 13 mi
- 17 mi

- 14 mi
- 10 mi

Show your work

#3

These figures are congruent. What is KL?



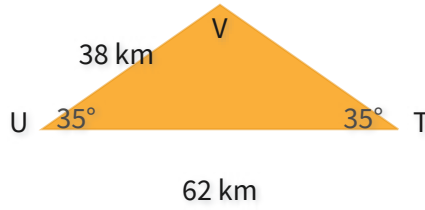
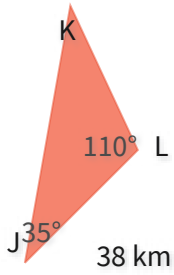
- 38 mi
- 39 mi

- 30 mi
- 37 mi

Show your work

#4

These figures are congruent. What is KL?

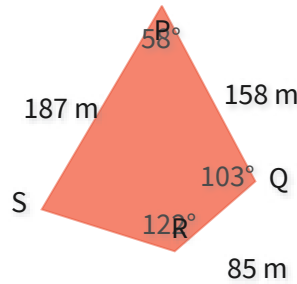
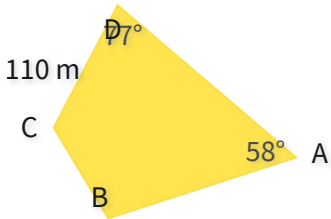


km

Show your work

#5

These figures are congruent. What is BC?

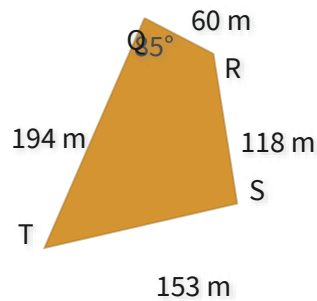
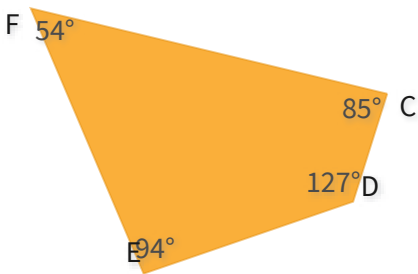


m

Show your work

#6

These figures are congruent. What is DE?

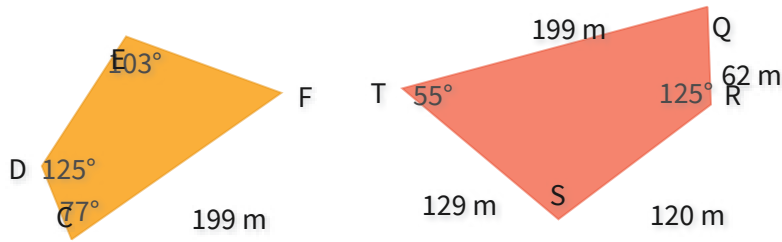


m

Show your work

#7

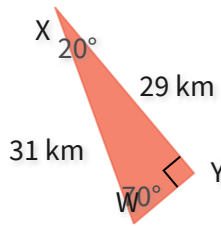
These figures are congruent. What is $\angle F$?



Show your work

#8

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



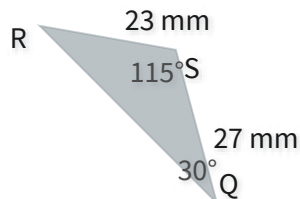
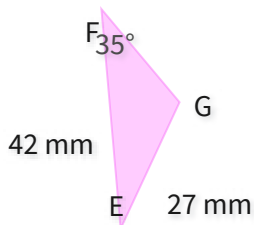
- 64°
- 70°

- 79°
- 86°

Show your work

#9

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



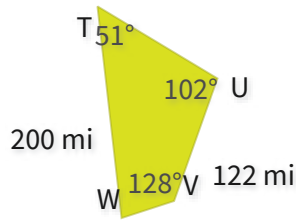
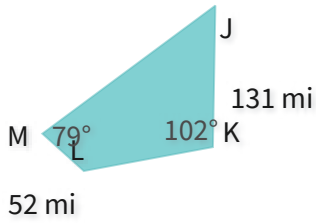
- 146°
- 92°

- 141°
- 115°

Show your work

#10

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



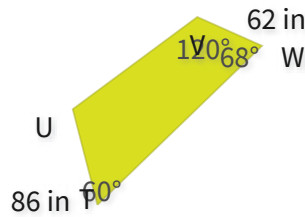
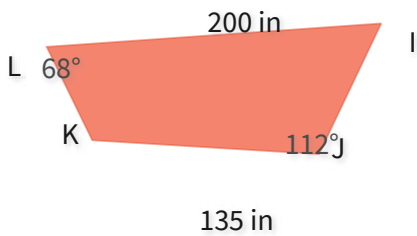
- 128°
- 97°

- 129°
- 93°

Show your work

#11

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



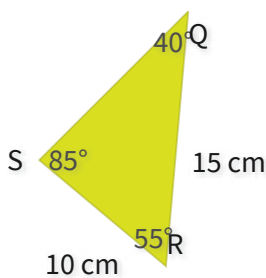
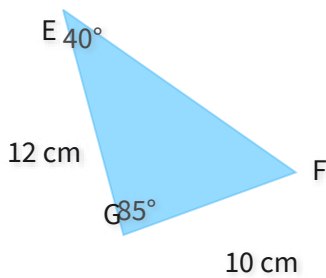
- 60°
- 45°

- 49°
- 48°

Show your work

#12

These figures are congruent. What is EF?



cm

Show your work

Question	Answer
#1	106
#2	choice 2
#3	choice 4
#4	38
#5	85
#6	118
#7	55
#8	choice 3
#9	choice 4
#10	choice 1
#11	choice 1
#12	15