

#1

A line segment is bisected, forming two new line segments. The original line segment has a measure of 30 ft, what is the measure of each new line segment?

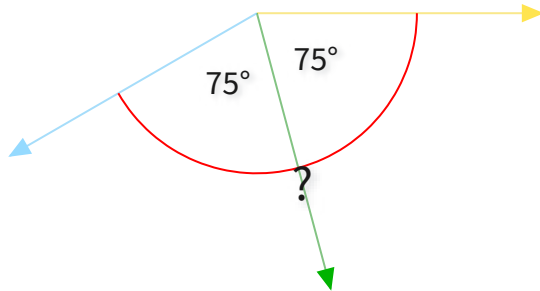


ft

Show your work

#2

After bisecting an angle, Alexa has two new angles, each with measure of  $75^\circ$ . What was the measure of the original angle?

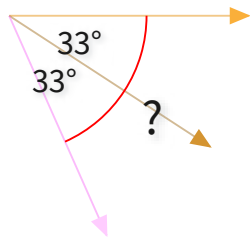


$^\circ$

Show your work

#3

After bisecting an angle, Darren has two new angles, each with measure of  $33^\circ$ . What was the measure of the original angle?



$72^\circ$

$66^\circ$

$81^\circ$

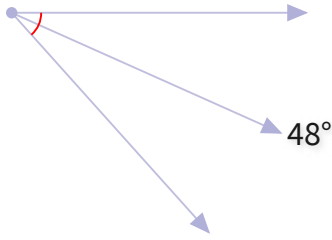
$47^\circ$

Show your work



#4

If an angle measuring  $48^\circ$  degrees is bisected to form two new angles, what is the measure of each new angle?

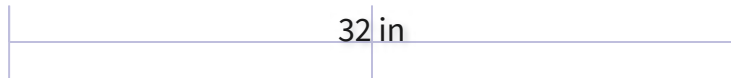


- $24^\circ$
- $32^\circ$
- $16^\circ$
- $25^\circ$

Show your work

#5

A line segment is bisected, forming two new line segments. The original line segment has a measure of 32 in, what is the measure of each new line segment?



in

Show your work

#6

FG is 10 ft long. Point F is at the midpoint EG. What is the length of EG?

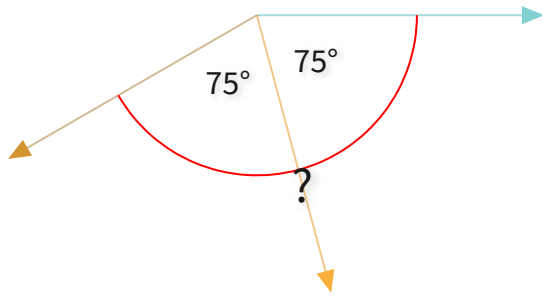


- 18 ft
- 20 ft
- 21 ft
- 19 ft

Show your work

#7

After bisecting an angle, Diana has two new angles, each with measure of  $75^\circ$ . What was the measure of the original angle?



Show your work

#8

A line segment is bisected, forming two new line segments. Each new line segment has a measure of 11 in. What was the original line segment?



16 in

15 in

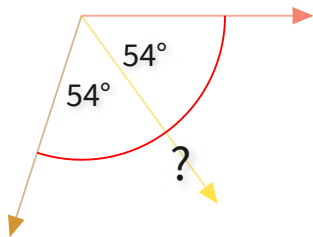
22 in

26 in

Show your work

#9

After bisecting an angle, Dahlia has two new angles, each with measure of  $54^\circ$ . What was the measure of the original angle?



$108^\circ$

$104^\circ$

$128^\circ$

$121^\circ$

Show your work



#10

A line segment is bisected, forming two new line segments. Each new line segment has a measure of 2 cm. What was the original line segment?

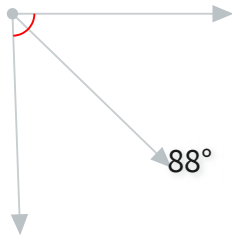


cm

Show your work

#11

If an angle measuring  $88^\circ$  degrees is bisected to form two new angles, what is the measure of each new angle?



$48^\circ$

$30^\circ$

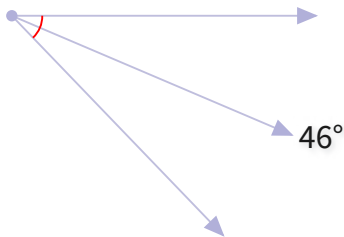
$44^\circ$

$41^\circ$

Show your work

#12

If an angle measuring  $46^\circ$  degrees is bisected to form two new angles, what is the measure of each new angle?



$26^\circ$

$23^\circ$

$25^\circ$

$28^\circ$

Show your work

Question	Answer
#1	15
#2	150
#3	choice 2
#4	choice 1
#5	16
#6	choice 2
#7	150
#8	choice 3
#9	choice 1
#10	4
#11	choice 3
#12	choice 2