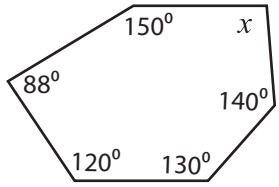
Name : _____ Score : _____

Interior Angle

Sheet 2

Example:



Sum of the interior angles = (Number of sides - 2) x 180°

= (6 - 2) x 180°

= 4 x 180 = **720°**

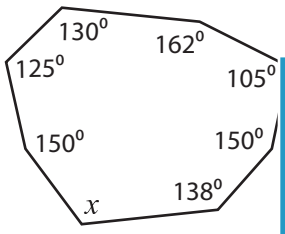
Sum of the interior angles = 120° + 140° + 130° + 150° + 88° + x

720° = 628° + x

x = **720°** - 628° = **92°**

Find the interior angle for each irregular polygon.

1)

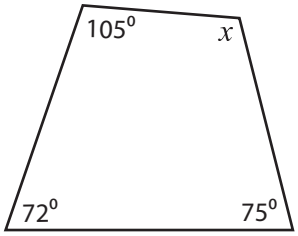


Sum of the interior angles =

x =

2)

3)



the interior angles =

x =

PREVIEW

Access the largest collection of worksheets for just $19.95 per year!

Members, please log in to download this worksheet.

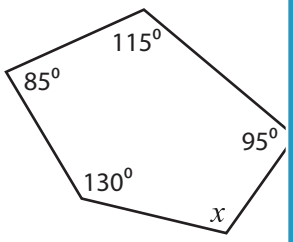
Log in

Not a member? Please sign up to gain complete access.

Sign up

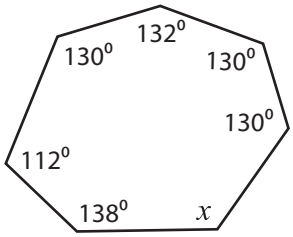
www.mathworksheets4kids.com

4)



Sum of the interior angles =

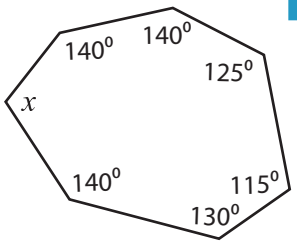
x =



he interior angles =

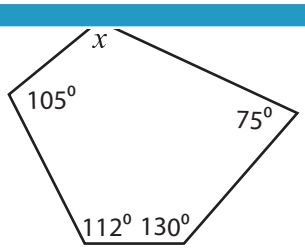
x =

7)



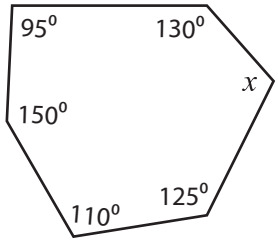
Sum of the interior angles =

x =



Sum of the interior angles =

x =



Sum of the interior angles =

x =

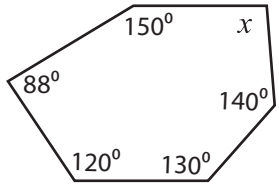
Name : _____ Score : _____

Answer key

Interior Angle

Sheet 2

Example:



Sum of the interior angles = (Number of sides - 2) x 180°

= (6 - 2) x 180°

= 4 x 180 = **720°**

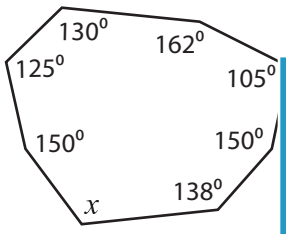
Sum of the interior angles = 120° + 140° + 130° + 150° + 88° + x

720° = 628° + x

x = **720°** - 628° = **92°**

Find the interior angle for each irregular polygon.

1)

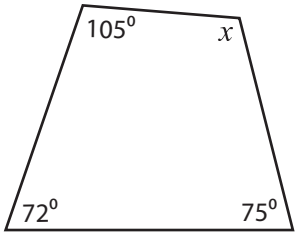


Sum of the interior angles = 10

x = 1

2)

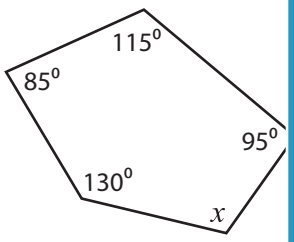
3)



the interior angles = 360°

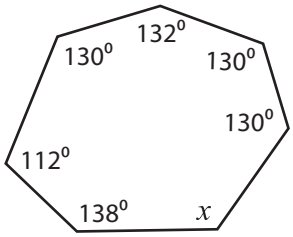
x = 108°

4)



Sum of the interior angles = 54

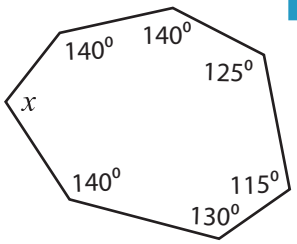
x = 11



the interior angles = 900°

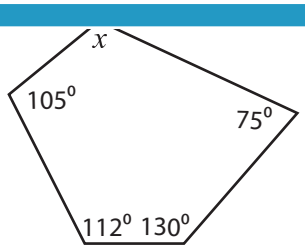
x = 128°

7)



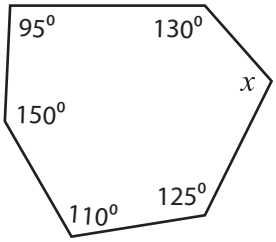
Sum of the interior angles = 900°

x = 110°



Sum of the interior angles = 540°

x = 118°



Sum of the interior angles = 720°

x = 110°

PREVIEW

Access the largest collection of worksheets for just $19.95 per year!

Members, please log in to download this worksheet.

Log in

Not a member? Please sign up to gain complete access.

Sign up

www.mathworksheets4kids.com