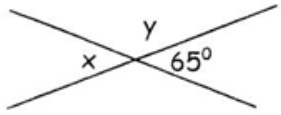
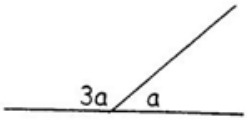
Angle Theorem Review

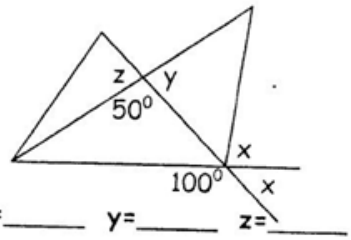
Find the value of each unknown angle.

1. 

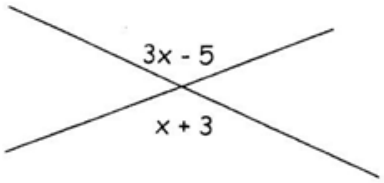
x = _____ y = _____

2. 

a = _____ 3a = _____

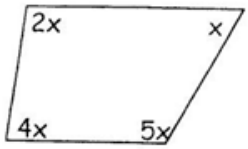
3. 

x=_____ y=_____ z=_____

4. 

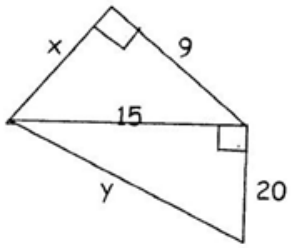
x=_____ 3x-5=_____

x+3=_____

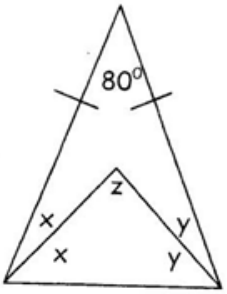
5. 

x=_____ 2x=_____

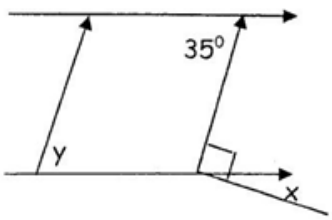
4x=_____ 5x=_____

6. ** 

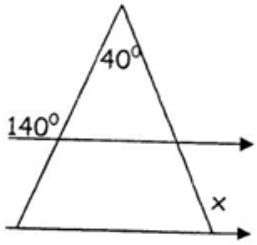
x=_____ y=_____

7. 

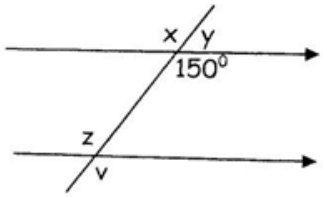
x=_____ y=_____ z=_____

8. 

x=_____ y=_____

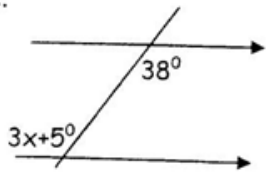
9. 

x=_____

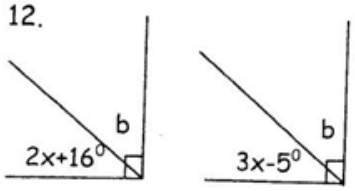
10. 

v=_____ x=_____

y=_____ z=_____

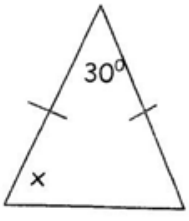
11. 

x=_____ 3x+5=_____

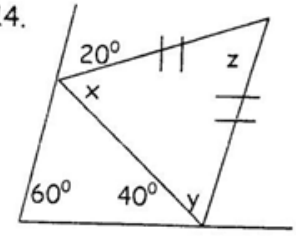
12. 

b=_____ x=_____

2x+16=_____ 3x-5=_____

13. 

x=_____

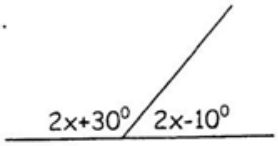
14. 

x= _____ y= _____

z= _____

Find each unknown angle measure.

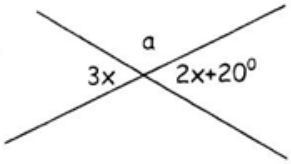
1.



x=_____ 2x+30=_____

2x-10=_____

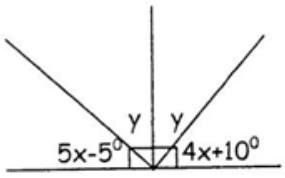
2.



a=_____ x=_____

3x=_____ 2x+20=_____

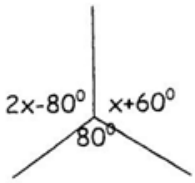
3.



x=_____ y = _____

5x-5 =_____ 4x+10= _____

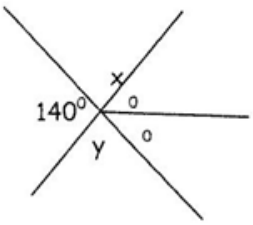
4.



x=_____ 2x-80=_____

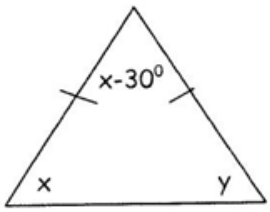
x+60=_____

5.



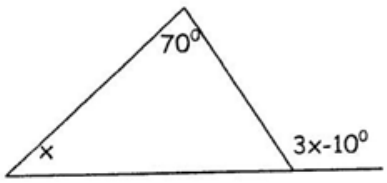
° =_____ x=_____ y=_____

6.



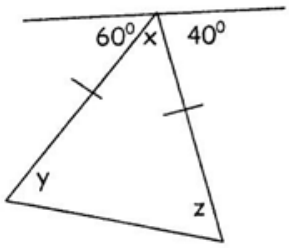
x=_____ x-30=_____ y=_____

7.



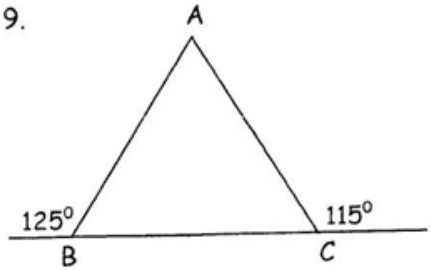
x=_____ 3x-10=_____

8.



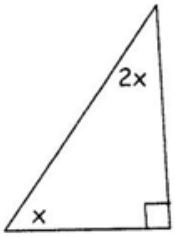
x=_____ y=_____ z=_____

9.



<A=_____ <ABC=_____ <ACB=_____

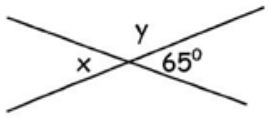
10.



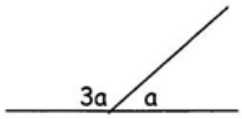
x=_____ 2x=_____

Angle Theorem Review

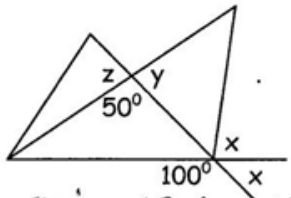
Find the value of each unknown angle.

1. 

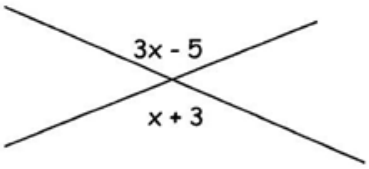
x = 65° y = 115°

2. 

a = 45° 3a = 135°

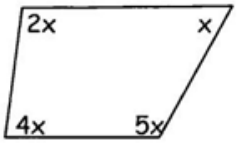
3. 

x= 80° y=130° z=130°

4. 

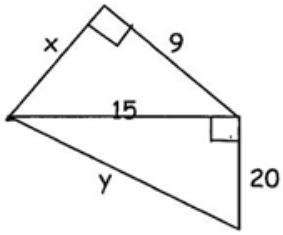
x= 4° 3x-5= 7°

x+3= 7°

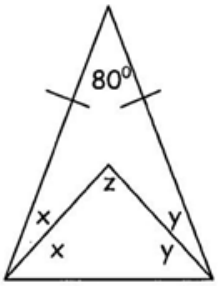
5. 

x= 30° 2x= 60°

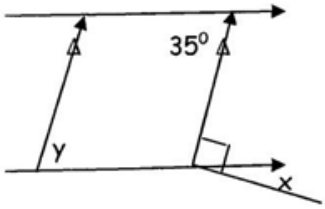
4x= 120° 5x= 150°

6. ** 

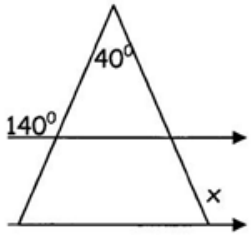
x= 12 y= 25

7. 

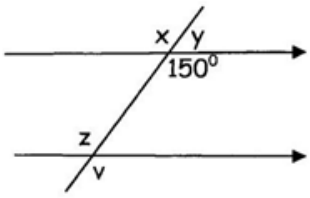
x= 25° y= 25° z= 130°

8. 

x= 55° y= 35°

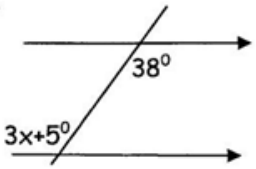
9. 

x= 80°

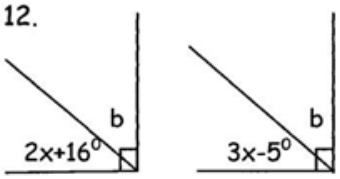
10. 

v= 150° x= 150°

y= 30° z= 150°

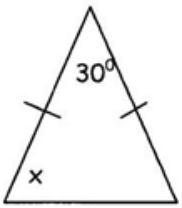
11. 

x= 11° 3x+5= 38°

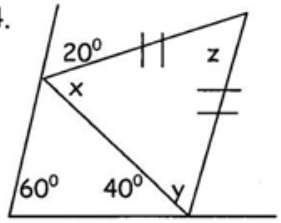
12. 

b= 32° x= 21°

2x+16= 58° 3x-5= 58°

13. 

x= 75°

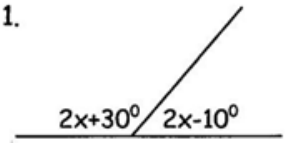
14. 

x= 80° y= 80°

z= 20°

Find each unknown angle measure.

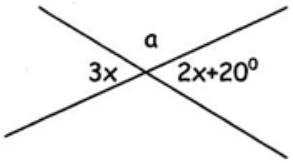
1.



x= 40° 2x+30= 110°

2x-10= 70°

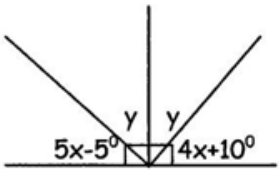
2.



a= 120° x= 20°

3x= 60° 2x+20= 60°

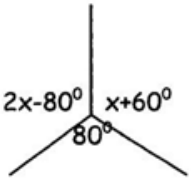
3.



x= 15° y = 20°

5x-5 = 70° 4x+10= 70°

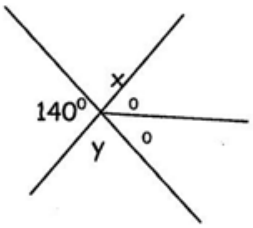
4.



x= 100° 2x-80= 120°

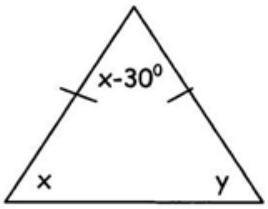
x+60= 160°

5.



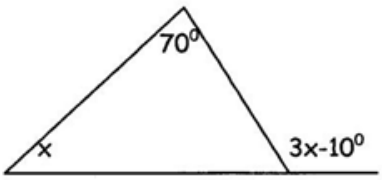
o = 70° x= 40° y= 40°

6.



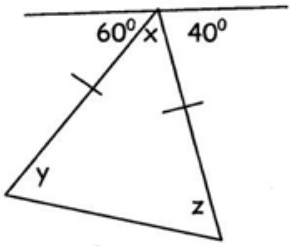
x= 70° x-30= 40° y= 70°

7.



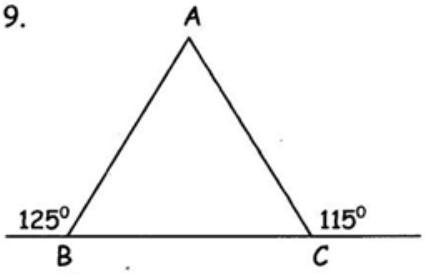
x= 40° 3x-10= 110°

8.



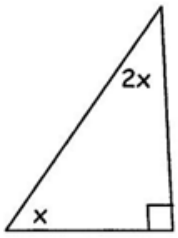
x= 80° y= 50° z= 50°

9.



<A= 60° <ABC= 55° <ACB= 65°

10.



x= 30° 2x= 60°

Attachments

PM11-2s3-2.gsp

2s3e2 finalt.mp4