Final Review (Answers)

1. $\overline{AB}$ means _____line segment AB_____.

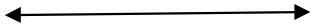
2. $\overrightarrow{AB}$ means _____ray AB_____.

3. $\overleftrightarrow{AB}$ means _____line AB_____.

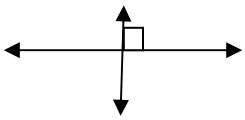
4. $\angle 3$ means _____angle 3_____.

5. Draw a vertical line.

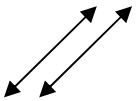
6. Draw a horizontal line.

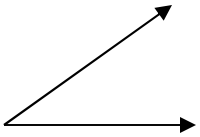
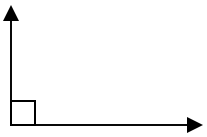
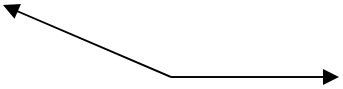


7. Draw two perpendicular lines.



8. Draw two parallel lines.

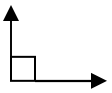


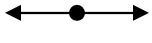
C  D  E 

9. Which angle is obtuse? ____E___

10. Which angle is acute? ___C___

11. Which angle is a right angle? ___D__

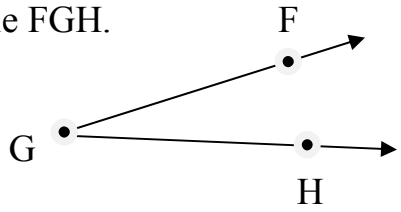
12. How many degrees is this angle?  _____90°_____.

13. How many degrees is this angle?  ____180°_____.

14. Complementary angles add up to _____90____ degrees.

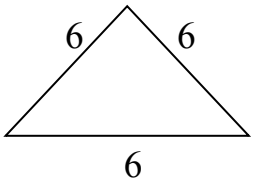
15. Supplementary angles add up to _____180_____ degrees.

16. Draw angle FGH.

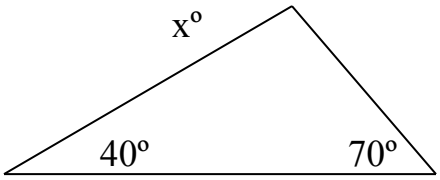


17. Draw an isosceles triangle.

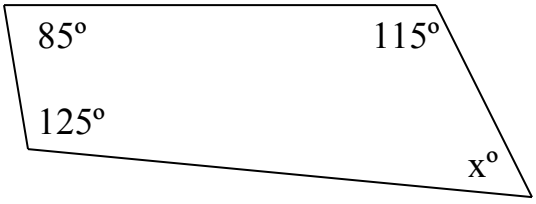
18. Draw an equilateral triangle.



19. Find x. _____70___



20. Find x. ___35_____



Match the following with the best example.

21. square __B__

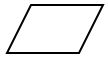
22. rectangle___C_

23. rhombus___A_

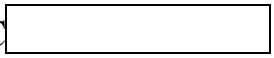
24. trapezoid__F__

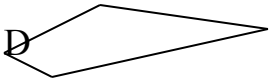
25. parallelogram__E_

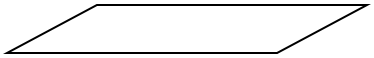
26. quadrilateral__D__

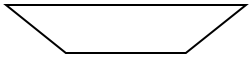
A 

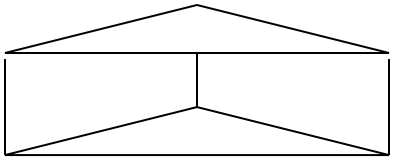
B 

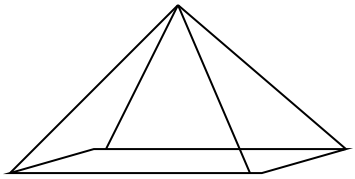
C 

D 

E 

F 

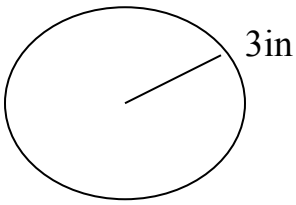
27. This is a _prism__ 

28. This is a ____pyramid_____ 

Calculate circumference and area. Include units in your answer.

29. Circumference = __6π or 18.84 in.____

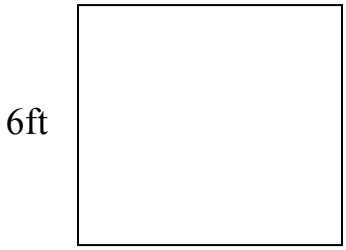
30. Area = __9π or 28.26 in.^{2}___



Calculate perimeter and area.

31. Perimeter = _____24 ft_____

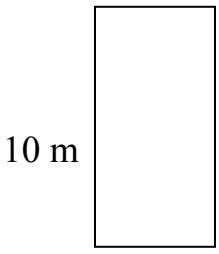
32. Area = _____36 ft^2_____



square

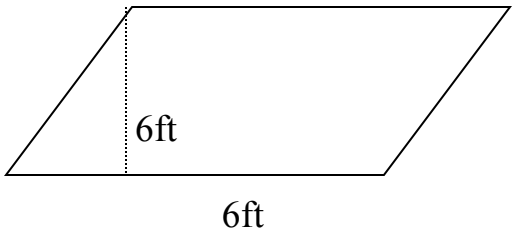
33. Perimeter = ____24 m_____

34. Area = _____20 m^2_____

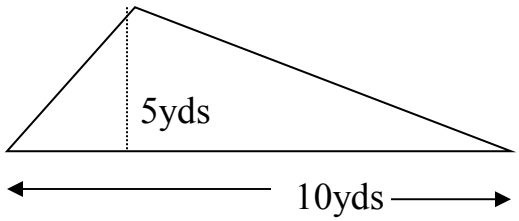


Find the area. Remember the units.

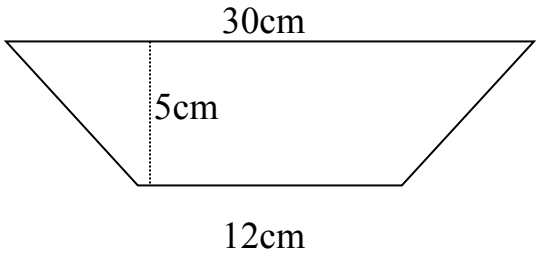
35. A = ____36 ft^2_____



36. A = ___25 yds^2_____

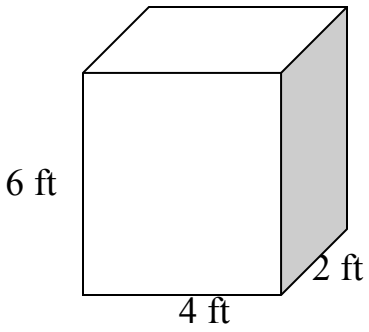


37. A = ___105 cm^2_____



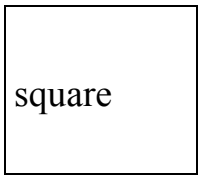
Calculate Volume.

38. Volume = __48 ft^3____

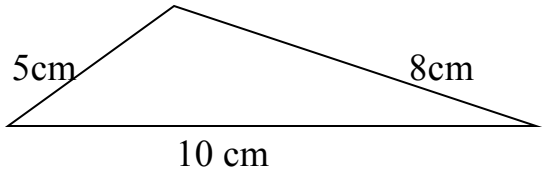


Chapter 13 (Answers)

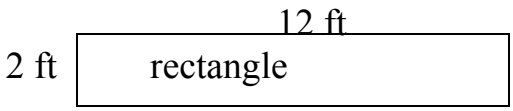
Find the perimeter.

1. 

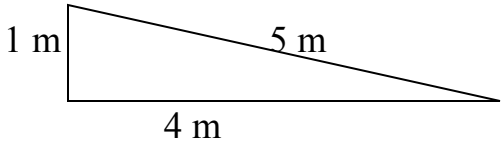
P = 25 in

2. 

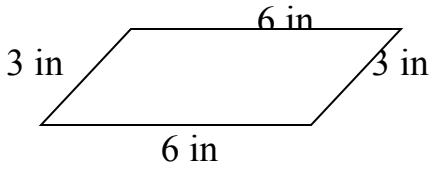
P = 23 cm

3. 

P = 28 ft

4. 

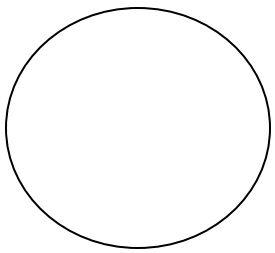
P = 10 m

5. 

P = 18 in

Find the circumference.

1.	r = 2 feet	4π or 12.56ft
2.	d = 6 meters	6π or 18.84 m
3.	r = 7 inches	14π or 43.96 in
4.	d = 16 cm	16π or 50.24 cm
5.	r = 10 meters	20π or 62.8 m

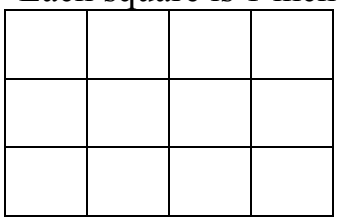


Chapter 15 (Answers)

Find the area.

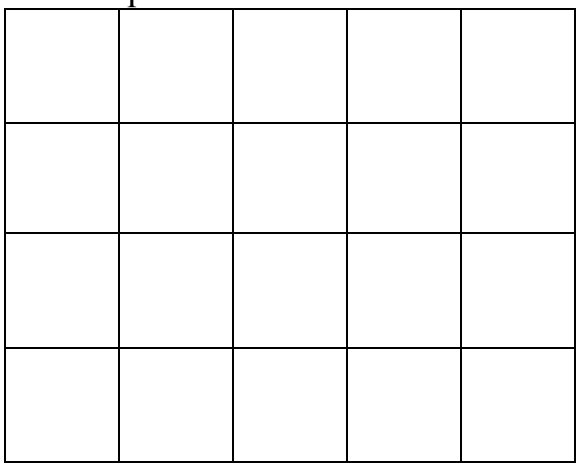
1. A = _12 in^2____

Each square is 1 inch on each side



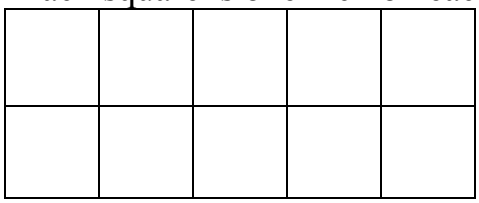
2. A = __20 ft^2____

Each square is one foot on each side.



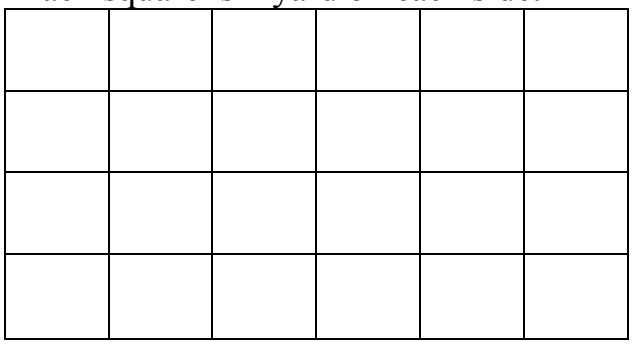
3. A = ___10 in^2____

Each square is one inch on each side.



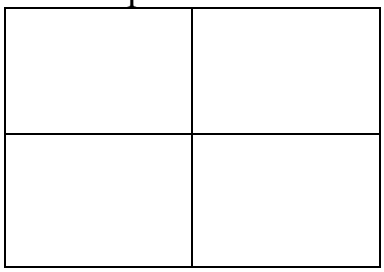
4. A = ___24 yd^2____

Each square is 1 yard on each side.



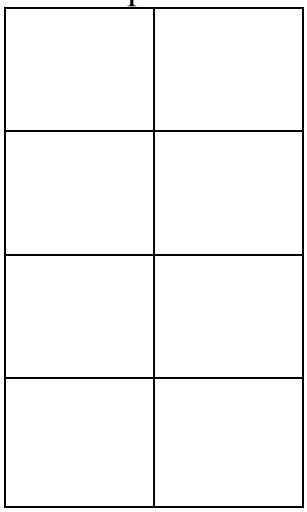
5. A = _4 cm^2_____

Each square is one cm on each side.



6. A = __8 m^2_____

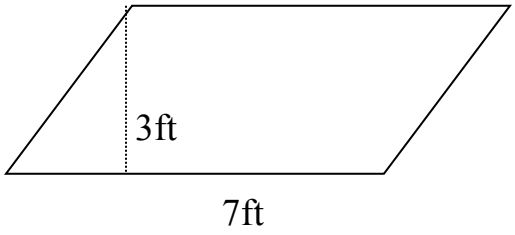
Each square is 1 meter on each side.



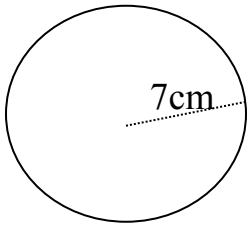
Chapter 17 (Answers)

Find the area. Remember the units.

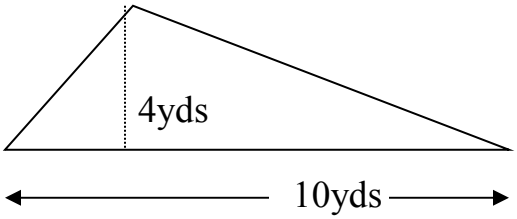
1. A = _____21 ft^2_____



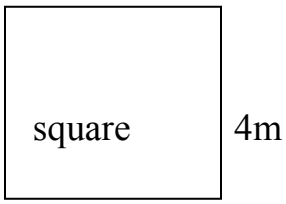
2. A = ____49π or 153.86 cm^2_



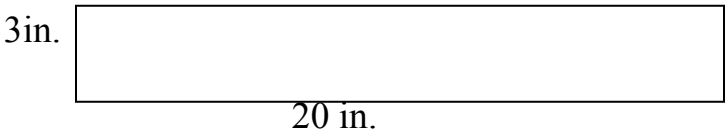
3. A = ___20 yds^2___



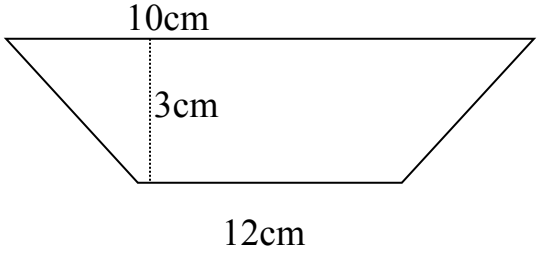
4. A = __16 m^2_____



5. A = ___60 in^2_____

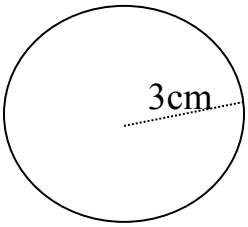


6. A = ___33 cm^2_____

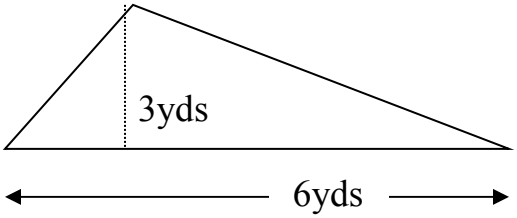


7. A = __6 ft^2_____

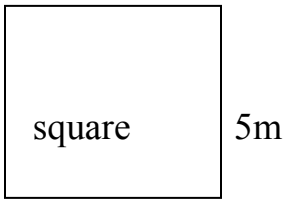
8. A = __9π or 28.26 cm^2___



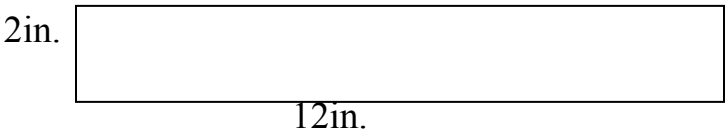
9. A = ___9 yds^2_____



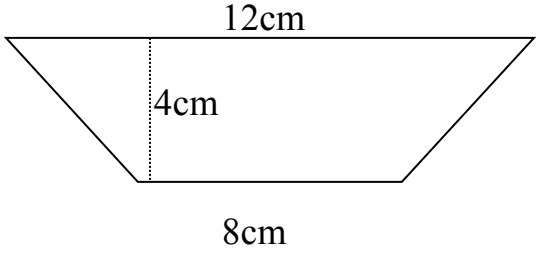
10. A = __25 m^2_____



11. A = __24 in^2_____



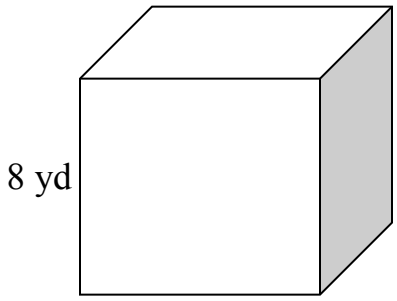
12. A = ___40 cm^2_____



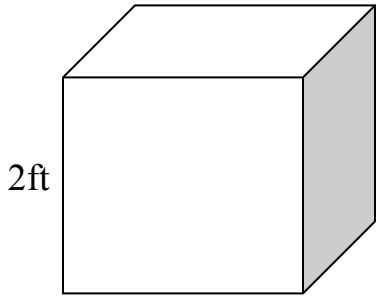
Chapter 18 (Answers)

Find the volume.

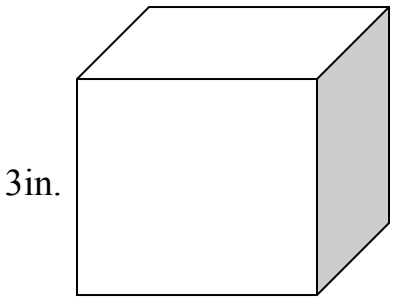
1. V = __512 yd^3____



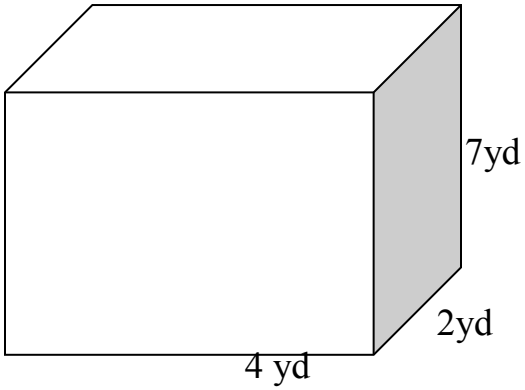
2. V = __8 ft^3_____



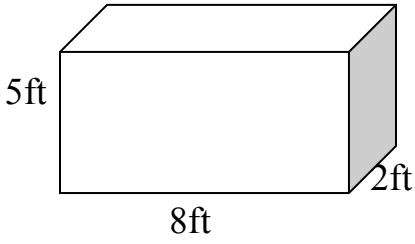
3. V = ___27 in^3_____



4. V = ___56 yd^3____



5. V = ___80 ft^3_____



6. V = ___9 cm^3_____