

Math 7

Day	Date	Video	Assignment Due	How many did you skip?
11	Monday	3/30/2020	subtract integers	
12	Tuesday	3/31/2020	multiply integers	
13	Wednesday	4/1/2020		
14	Thursday	4/2/2020		
15	Friday	4/3/2020	circles	
16	Monday	4/4/2020	volume, surface area	
17	Tuesday	4/5/2020	perimeter, area, volume, surface area	
18	Wednesday	4/6/2020		
	Tuesday	4/14/2020		
How many total did you do:				

Name _____

Test, Math 7, Integers

1. $-5 + 4$ _____

2. $-7 + -5$ _____

3. $-6 + 6$ _____

4. $3 + -7$ _____

5. $2 + 8$ _____

6. $-5 + 9$ _____

7. $-7 + -6$ _____

8. $-6 + 5$ _____

9. $3 + -4$ _____

10. $2 + 3$ _____

11. $-5 + 2$ _____

12. $-7 + -1$ _____

13. $-6 + 5$ _____

14. $3 + -6$ _____

15. $2 + 7$ _____

16. $-5 + 8$ _____

17. $-7 + -9$ _____

18. $-2 + 8$ _____

19. $3 + -3$ _____

20. $4 + 8$ _____

21. $-5 - -2$ _____

22. $-6 - 2$ _____

23. $7 - -5$ _____

24. $8 - 8$ _____

25. $-9 - -4$ _____

26. $-6 - 4$ _____

27. $3 - -3$ _____

28. $9 - 2$ _____

29. $-8 - -1$ _____

30. $-6 - 5$ _____

31. $-1 - -6$ _____

32. $-8 - 7$ _____

33. $5 - -8$ _____

34. $4 - 9$ _____

35. $-8 - -7$ _____

36. $-6 - 6$ _____

37. $3 - -5$ _____

38. $9 - 4$ _____

39. $-8 - -3$ _____

40. $-6 - 2$ _____

41. $-1 - -1$ _____

42. $-8 - 9$ _____

43. $8 - -5$ _____

44. $7 - 8$ _____

45. $-6 - -4$ _____

46. $-5 - 8$ _____

47. $4 - -4$ _____

48. $3 - 3$ _____

49. $-2 - -8$ _____

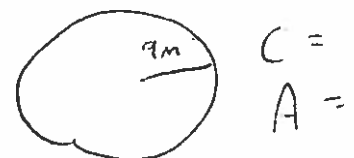
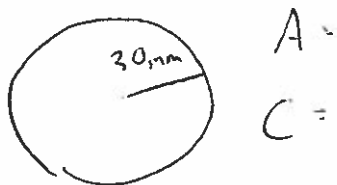
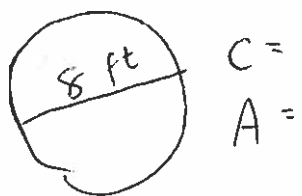
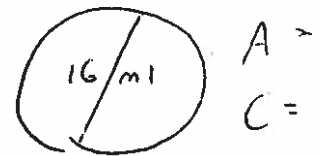
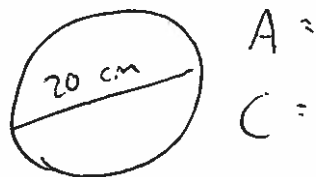
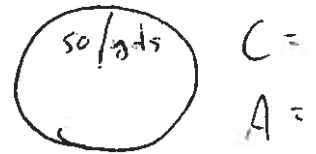
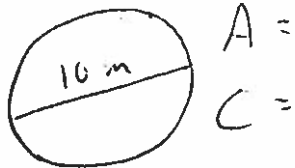
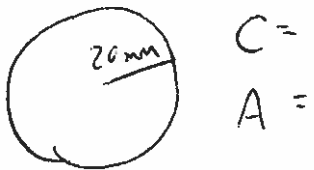
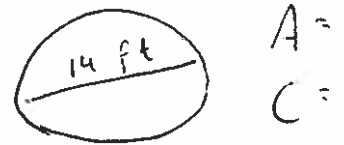
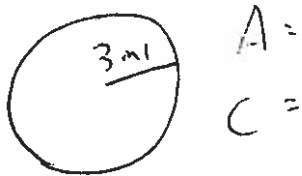
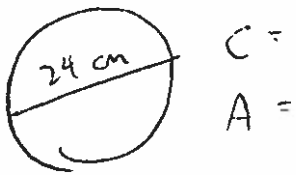
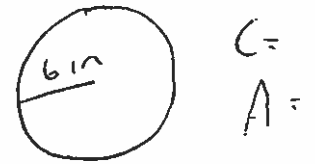
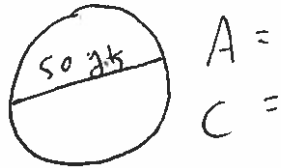
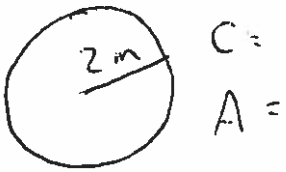
50. $-1 - 2$ _____

- 51. $-4 - -2$ _____
- 52. $-5 - 2$ _____
- 53. $6 - -5$ _____
- 54. $7 - 8$ _____
- 55. $-8 - -4$ _____
- 56. $-9 - 8$ _____
- 57. $6 - -4$ _____
- 58. $9 - 5$ _____
- 59. $-8 - -4$ _____
- 60. $-6 - 3$ _____
- 61. $7 \cdot -2$ _____
- 62. $9 \cdot 3$ _____
- 63. $-8 \cdot -5$ _____
- 64. $-7 \cdot 5$ _____
- 65. $-6 \cdot -7$ _____
- 66. $5 \cdot -5$ _____
- 67. $4 \cdot 3$ _____
- 68. $-3 \cdot -5$ _____
- 69. $-4 \cdot 2$ _____
- 70. $-6 \cdot -3$ _____
- 71. $7 \cdot -4$ _____
- 72. $6 \cdot 5$ _____
- 73. $-8 \cdot -6$ _____
- 74. $-4 \cdot 7$ _____
- 75. $-6 \cdot -8$ _____

- 76. $7 \cdot -9$ _____
- 77. $6 \cdot 4$ _____
- 78. $-8 \cdot -3$ _____
- 79. $-4 \cdot 2$ _____
- 80. $-6 \cdot -1$ _____
- 81. $48 \div 6$ _____
- 82. $-35 \div -7$ _____
- 83. $-18 \div -6$ _____
- 84. $42 \div -7$ _____
- 85. $-25 \div 5$ _____
- 86. $24 \div 8$ _____
- 87. $-32 \div -4$ _____
- 88. $-12 \div -2$ _____
- 89. $48 \div -8$ _____
- 90. $-27 \div 3$ _____
- 91. $24 \div 6$ _____
- 92. $-56 \div -8$ _____
- 93. $-54 \div -6$ _____
- 94. $28 \div -7$ _____
- 95. $-40 \div 5$ _____
- 96. $18 \div 6$ _____
- 97. $-36 \div -9$ _____
- 98. $-30 \div -6$ _____
- 99. $10 \div -2$ _____
- 100. $-20 \div 5$ _____

NAME _____

CIRCLES

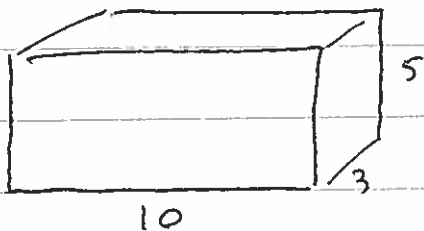


Name _____

Radius	Diameter	Circumference ($C = \pi D$)	Area ($A = \pi r^2$)
1 m			
2 cm			
3 mm			
4 mi			
5 in			
6 ft			
7 yds			
8 m			
9 cm			
10 mm			
15 in			
35 ft			
45 yds			
100 mi			
	22 m		
	24 cm		
	30 mm		
	40 in		
	50 ft		
	60 yds		
	80 mi		

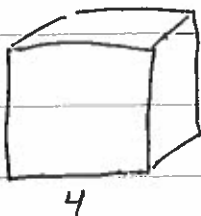
VOLUME

TO COMPUTE VOLUME, MULTIPLY
3 NUMBERS. YOU CAN MULTIPLY
IN ANY ORDER



THIS HAS A VOLUME OF 150 BECAUSE
 $5 \times 3 = 15$ AND $15 \times 10 = 150$
OR $3 \times 10 = 30$ AND $30 \times 5 = 150$
OR $5 \times 10 = 50$ AND $50 \times 3 = 150$

IF YOU ONLY HAVE 1 NUMBER
BECAUSE THE SHAPE IS A CUBE,
USE IT 3 TIMES

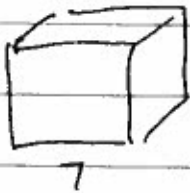


$$\text{VOLUME} = 4 \times 4 \times 4 = \text{64}$$

IF A SHAPE HAS A UNIT OF MEASUREMENT
LIKE INCHES, PUT A CUBIC UNIT
ON YOUR ANSWER LIKE in^3 OR CU IN

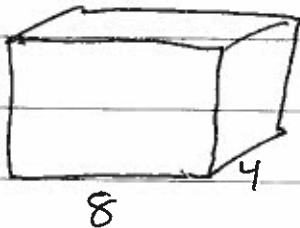
SURFACE AREA

TO FIND SURFACE AREA OF A CUBE, TAKE THE SIDE \times ITSELF TO FIND THE AREA OF 1 SQUARE FACE AND THEN TAKE THAT ANSWER TIMES 6 BECAUSE THERE ARE 6 IDENTICAL FACES



$$\begin{aligned}\text{SURFACE AREA} &= 7 \times 7 \times 6 \\ &= 49 \times 6 \\ &= \mathbf{294}\end{aligned}$$

FOR A RECTANGULAR PRISM, MULTIPLY 3 PAIRS OF NUMBERS TO FIND 3 AREAS OF 3 FACES. ADD THOSE UP. THEN MULTIPLY BY 2 BECAUSE THERE ARE 2 OF EACH TYPE OF FACE - TOP/BOTTOM, RIGHT/LEFT, FRONT/BACK

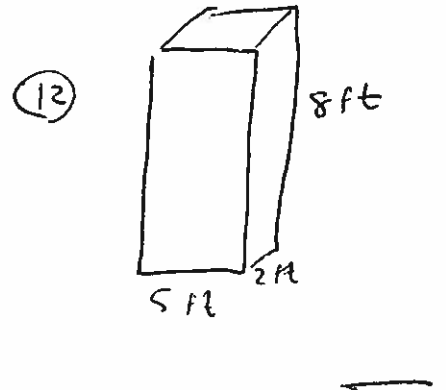
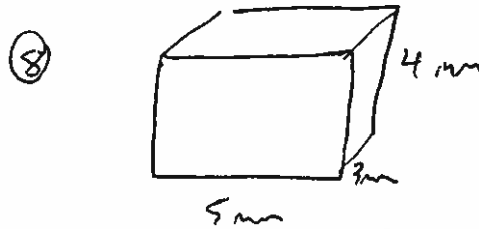
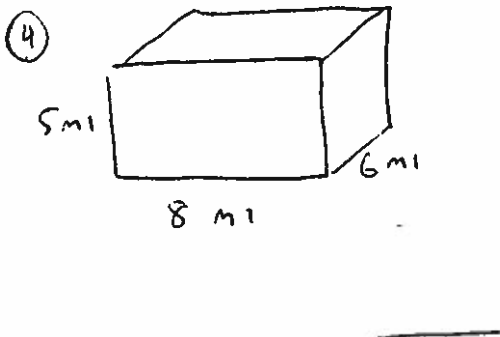
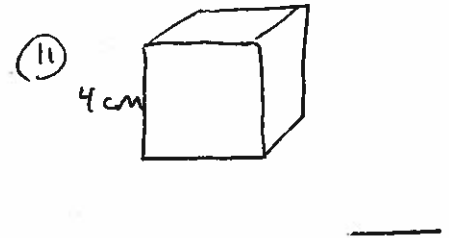
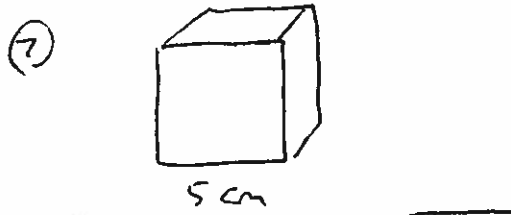
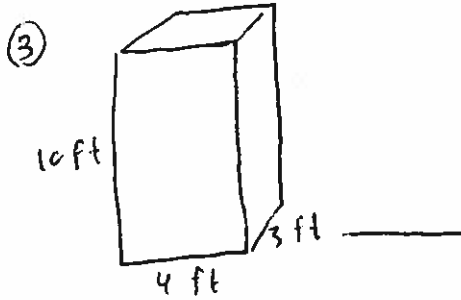
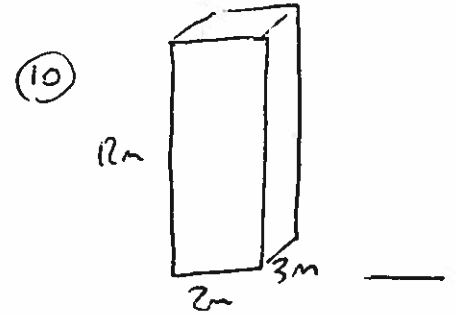
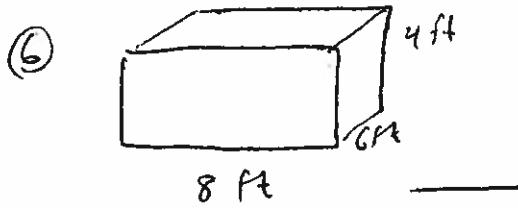
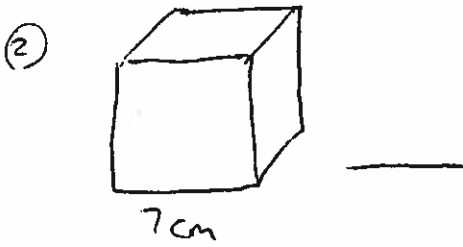
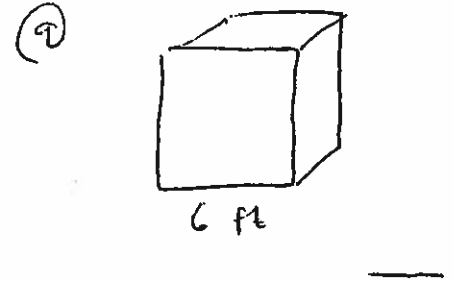
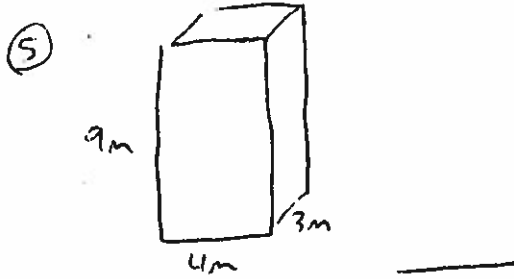
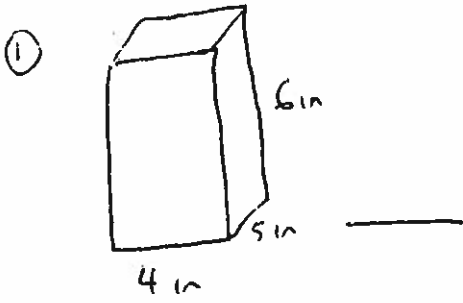


		ADD	
$8 \times 4 = 32$	32	68	
$8 \times 3 = 24$	24	$\times 2$	
$4 \times 3 = 12$	12		
	<hr/>	68	$\mathbf{136}$

FOR UNITS OF MEASUREMENT DO SQUARE UNITS LIKE m^2 OR sq in

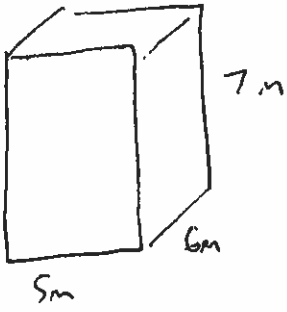
NAME _____

VOLUME

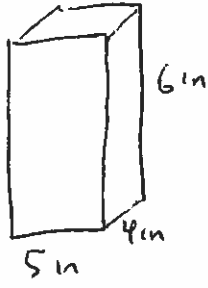


VOLUME ~~OF SOLIDS~~ (CONTINUED)

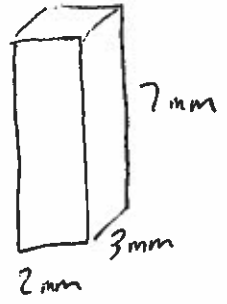
(13)



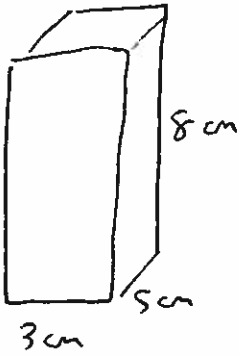
(17)



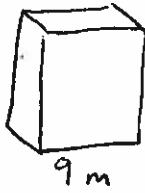
(21)



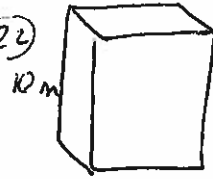
(14)



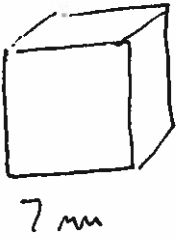
(18)



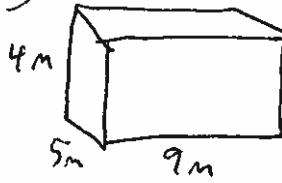
(22)



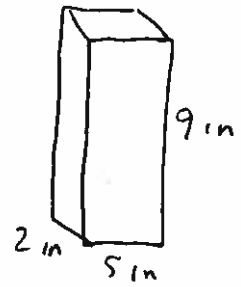
(15)



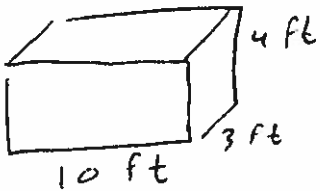
(19)



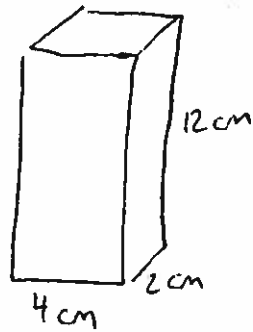
(23)



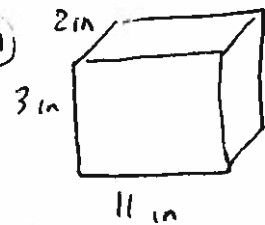
(16)



(20)

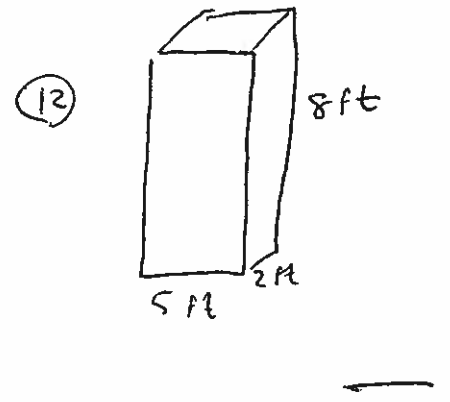
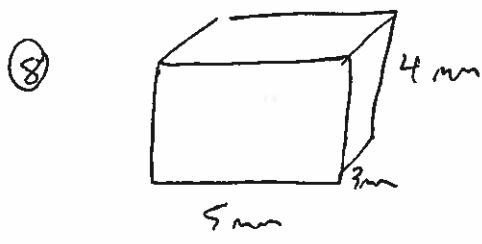
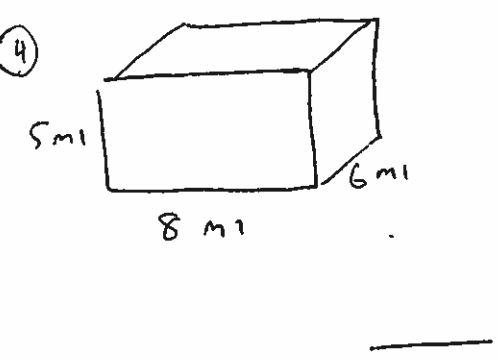
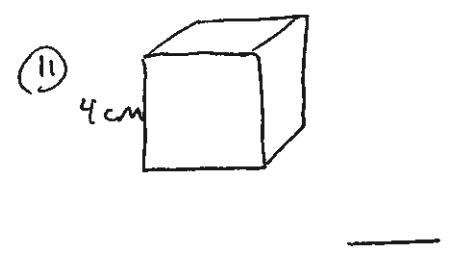
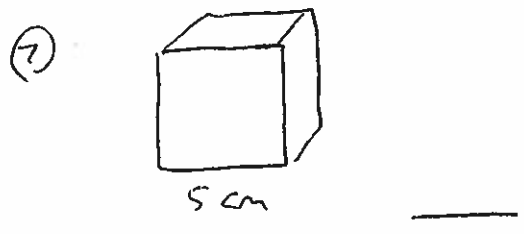
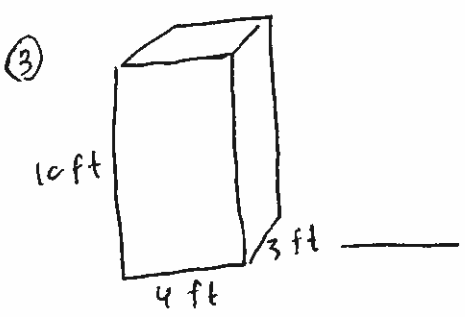
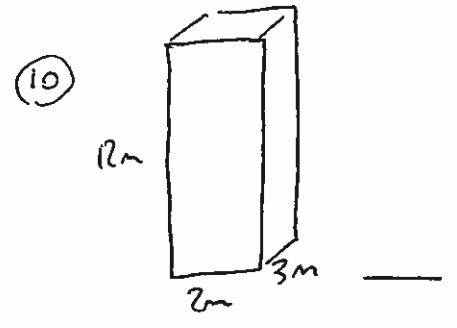
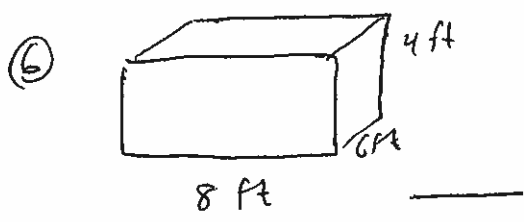
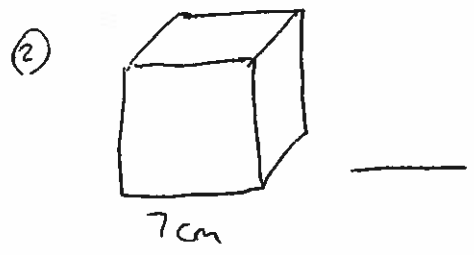
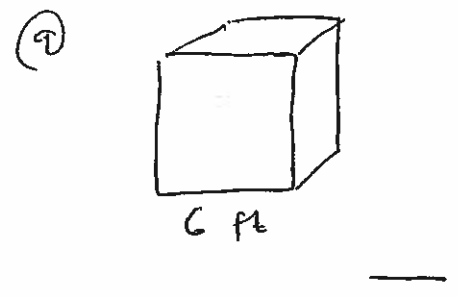
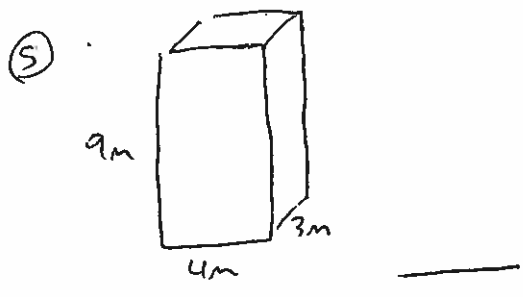
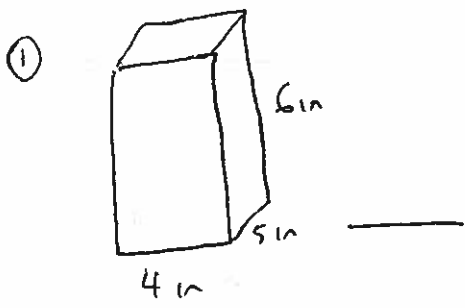


(24)

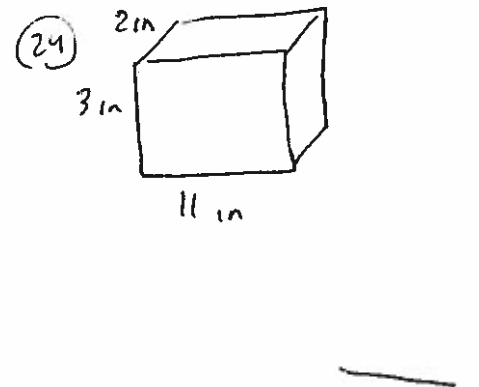
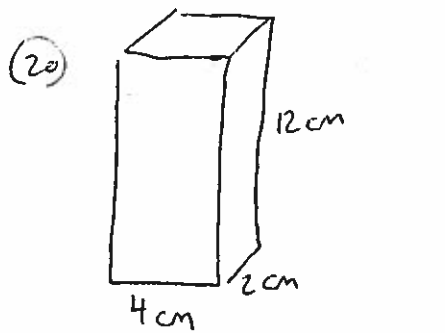
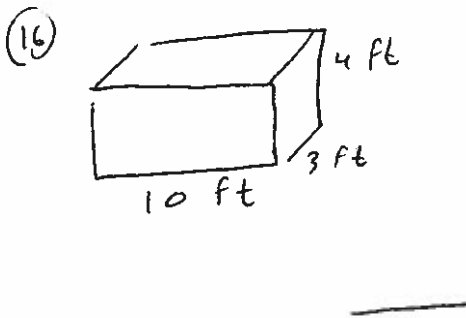
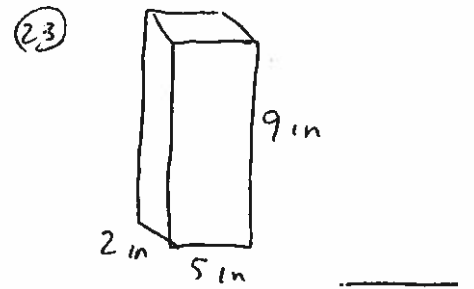
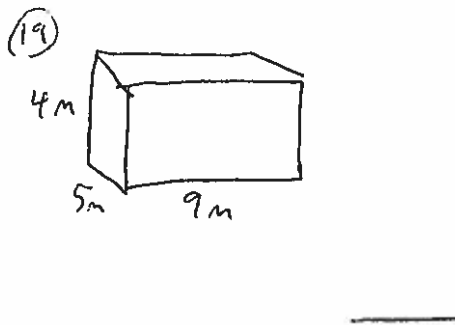
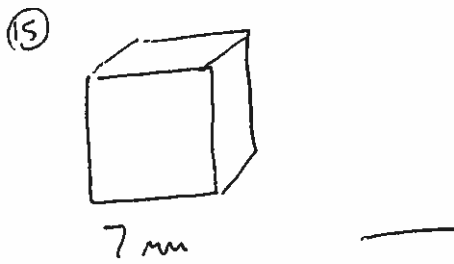
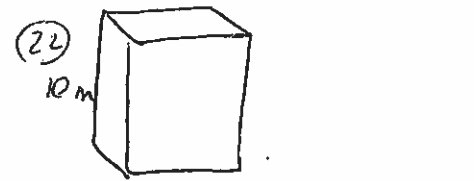
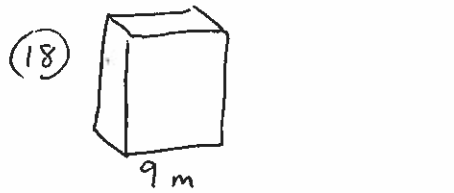
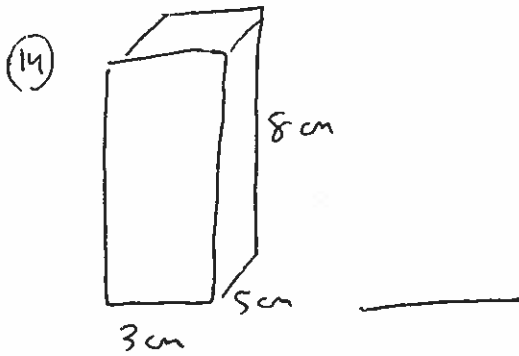
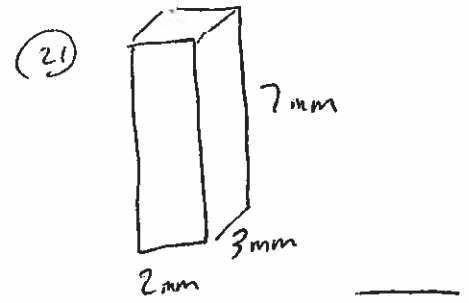
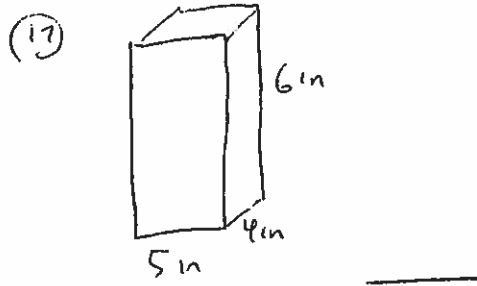
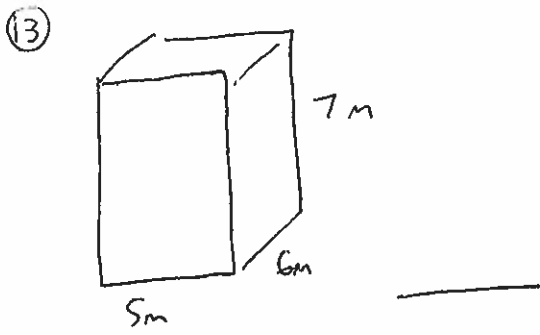


NAME _____

SURFACE AREA



SURFACE AREA ~~WORKSHEET~~, (CONTINUED)



Name _____

Review, Math 7, Area, Perimeter, Volume, Surface Area

Fill in the table by writing the formula. (10)

Shape	Perimeter	Area
Parallelogram	1.	2.
Circle	3.	4.
Rectangle	5.	6.
Square	7.	8.
Triangle	9.	10.

11. Write a formula for the volume of a rectangular prism.

12. Write a formula for the surface area of a rectangular prism

If the dimensions of a figure are measured in inches, with what unit would you measure

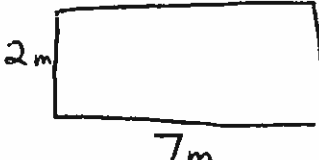
13. volume

14. surface area

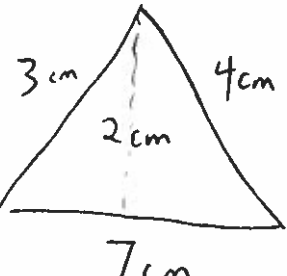
15. perimeter

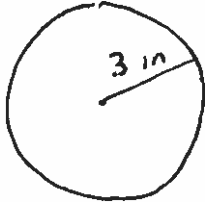
16. area

Find the perimeter and area of each shape.

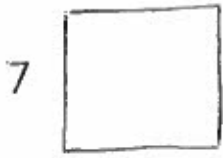
17.  $P = \underline{\hspace{2cm}}$
 $A = \underline{\hspace{2cm}}$

18.  $P = \underline{\hspace{2cm}}$
 $A = \underline{\hspace{2cm}}$

19.  $P = \underline{\hspace{2cm}}$
 $A = \underline{\hspace{2cm}}$

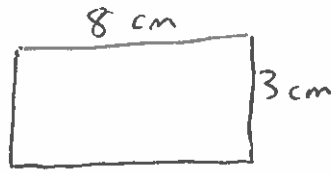
20.  $P = \underline{\hspace{2cm}}$
 $A = \underline{\hspace{2cm}}$

21.



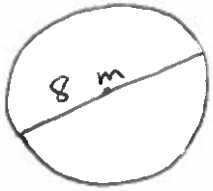
P= _____
A= _____

22.



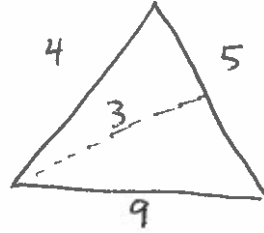
P= _____
A= _____

23.



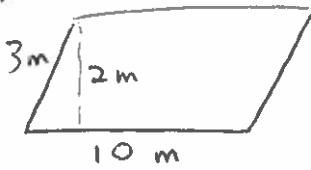
P= _____
A= _____

24.



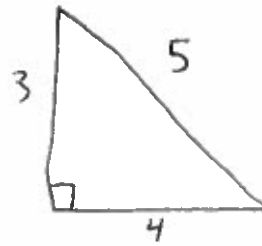
P= _____
A= _____

25.



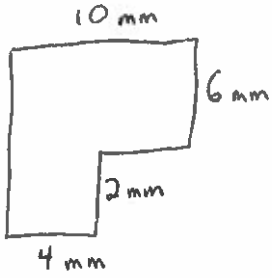
P= _____
A= _____

26.



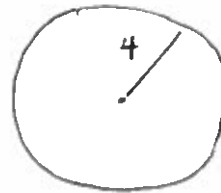
P= _____
A= _____

27.



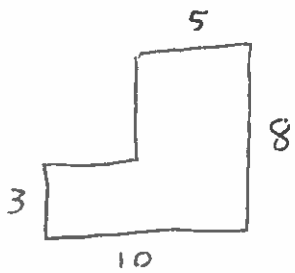
P= _____
A= _____

28.



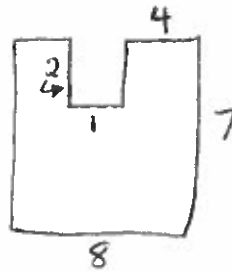
P= _____
A= _____

29.



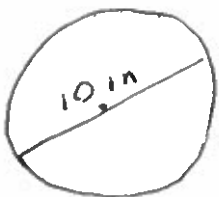
P= _____
A= _____

30.



P= _____
A= _____

31.



P= _____
A= _____

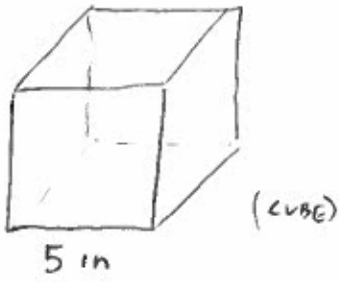
32.



P= _____
A= _____

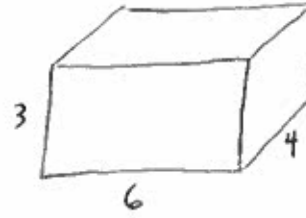
Find the volume and surface area.

33.



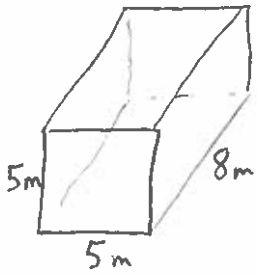
V= _____
S= _____

34.



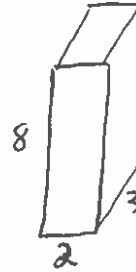
V= _____
S= _____

35.



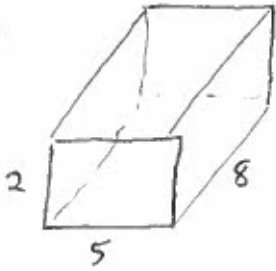
V= _____
S= _____

36.



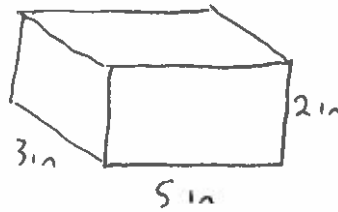
V= _____
S= _____

37.



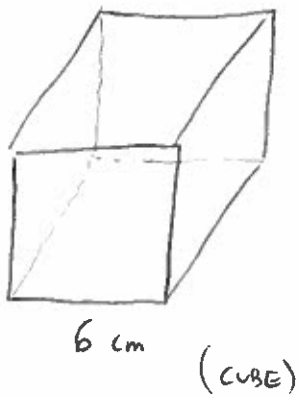
V= _____
S= _____

38.



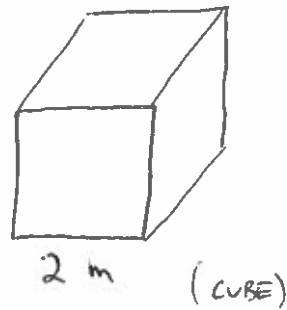
V= _____
S= _____

39.



V= _____
S= _____

40.



V= _____
S= _____

Name _____

Fill in the table by writing the formula. (10)

Shape	Perimeter	Area
Circle	1.	2.
Triangle	3.	4.
Square	5.	6.
Rectangle	7.	8.
Parallelogram	9.	10.

11. Write a formula for the surface area of a rectangular prism.

12. Write a formula for the volume of a rectangular prism

If the dimensions of a figure are measured in cm, with what unit would you measure

13. area

14. volume

15. perimeter

16. surface area

Find the perimeter and area of each shape.

17. 
3


P= _____
A= _____

18. 
9

P= _____
A= _____

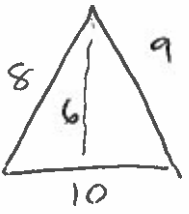
19. 
8 6 15

P= _____
A= _____

20. 
6m 12m

P= _____
A= _____

21.



P= _____

A= _____

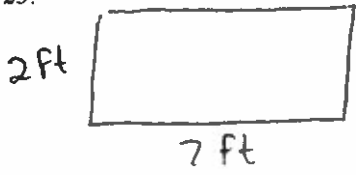
22.



P= _____

A= _____

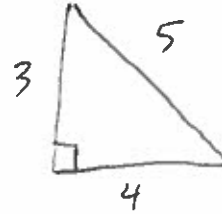
23.



P= _____

A= _____

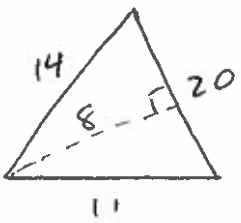
24.



P= _____

A= _____

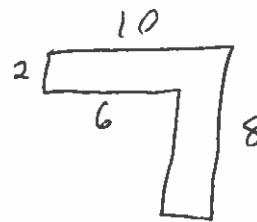
25.



P= _____

A= _____

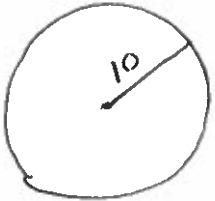
26.



P= _____

A= _____

27.



P= _____

A= _____

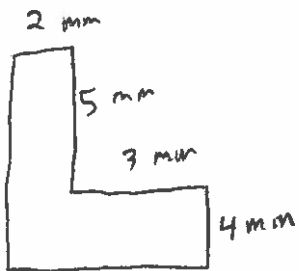
28.



P= _____

A= _____

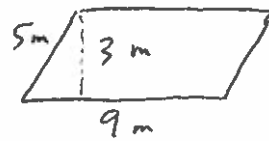
29.



P= _____

A= _____

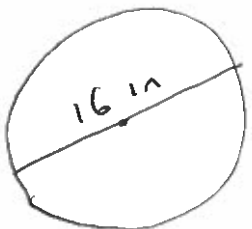
30.



P= _____

A= _____

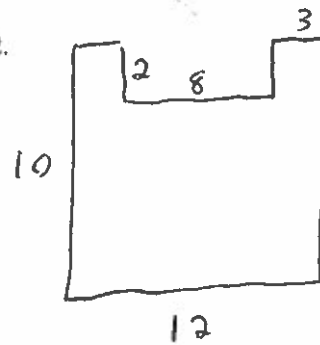
31.



P= _____

A= _____

32.

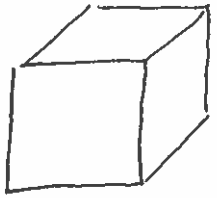


P= _____

A= _____

Find the volume and surface area.

33.

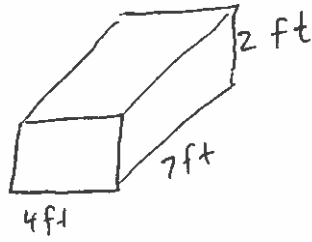


7 cm (CUBE)

V= _____

S= _____

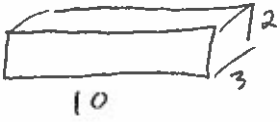
34.



V= _____

S= _____

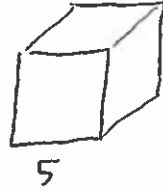
35.



V= _____

S= _____

36.

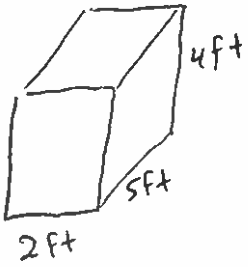


(CUBE)

V= _____

S= _____

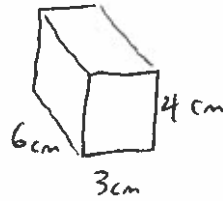
37.



V= _____

S= _____

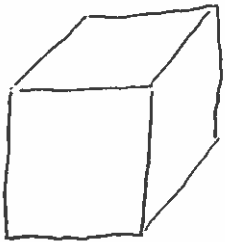
38.



V= _____

S= _____

39.



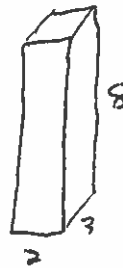
3 in

(CUBE)

V= _____

S= _____

40.



V= _____

S= _____