## Sample Lesson \#1

1. How many feet are in 4 yards?
2. $33-(-12)=$ ?
3. $566 \div 42=$ ?
4. $62+(-48)=$ ?
5. Find the area of a parallelogram with a base of 8 ft and a height of 3 ft .
6. Draw a line segment.
7. Donald saves $\frac{1}{4}$ of his allowance for college and $\frac{3}{8}$ for entertainment. How much of his allowance does he save?
8. $-91-(-73)=$ ?
9. What is the area of a circle with a radius of 4 meters?
10. Which digit is in the millions place in $86,431,007$ ?
11. What is the distance around the outside of a circle called?
12. Find $\frac{1}{9}$ of 81 .
13. $-40+(-36)=$ ?
14. The ratio of elk to moose at a game preserve is 9 to 5 . If there are 414 elk, how many moose are on the preserve?
15. $\frac{4}{5} \bigcirc \frac{8}{9}$
16. Find the perimeter of a regular pentagon if a side measures 5 inches.
17. What is the $\mathrm{P}(\mathrm{H}, \mathrm{H}, \mathrm{T}, \mathrm{T}, \mathrm{H}, \mathrm{H})$ on six flips of a coin?
18. $35 \times 28=$ ?
19. $4,060-2,583=$ ?
20. A) What type of angle is $\angle \mathrm{ADB}$ ?
B) What type of angle is $\angle \mathrm{BDC}$ ?
C) What type of angle is $\angle \mathrm{ADC}$ ?


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