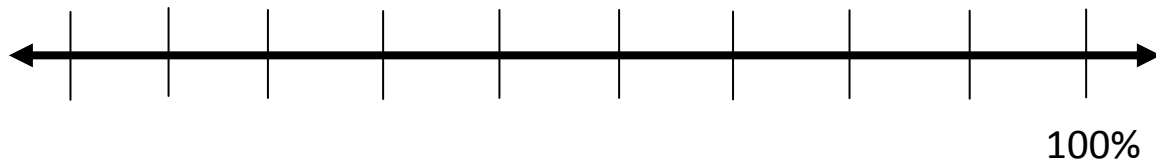


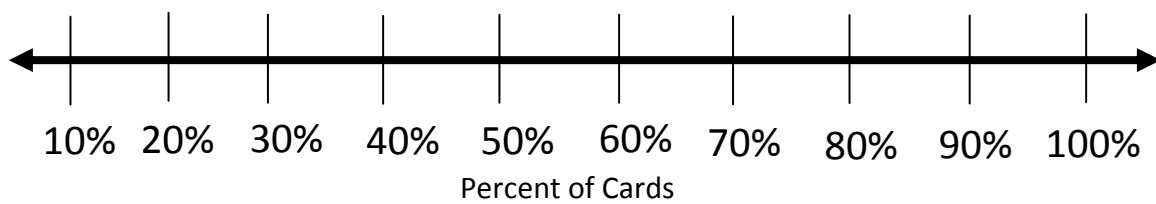
Name _____ Date _____

Using Number Lines with Percentages Lesson

Problem: Charlie has 80 sports collectable cards. 30% of his collection are football sports cards. Use the number line below to determine how many football sports cards Charlie has.

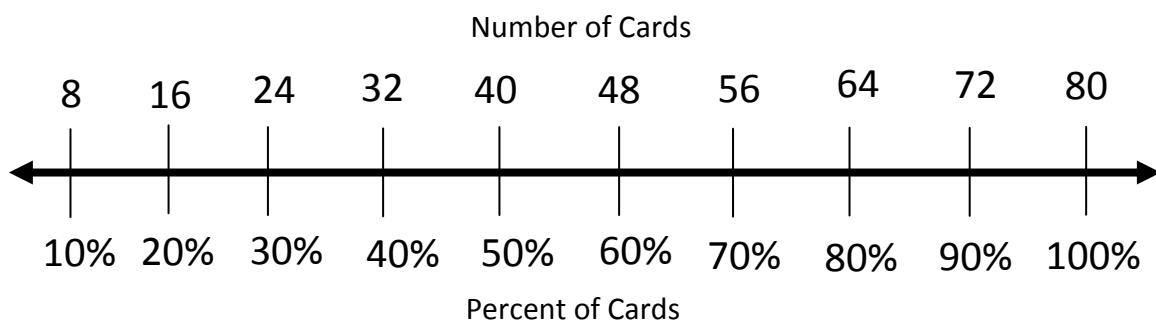


Step 1) Label the percentage value of your number line. Since there are 10 interval lines on your number line, each interval line has a 10% value. ($100\%/10 = 10\%$)



Step 2) Label the number of cards. We are told that there are 80.

$10\% \text{ of } 80 = 0.1 \times 80 = 8$ (We know that each interval has 8 cards.)



Step 3) Evaluate the number of cards that makes up 30% (football) of the total. 24 cards are football cards.

