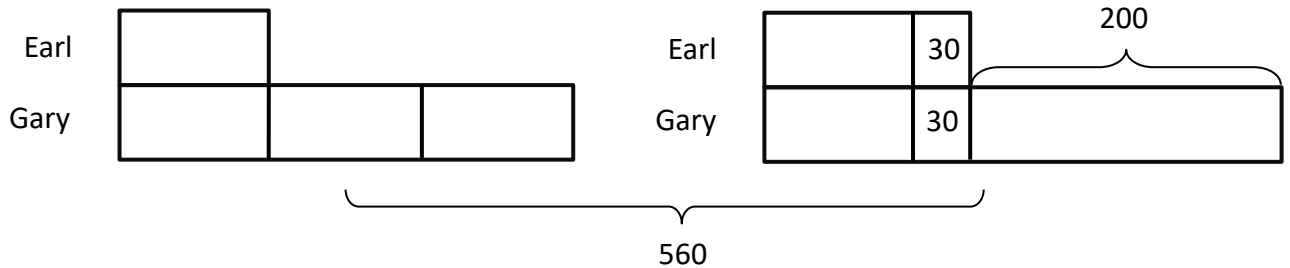


Skill Set 10 – During and After (Whole Numbers)

Gary and Earl had 560 cards together. During a competition, both Gary and Earl lost some of their cards. Earl lost 30 cards more than what he had left. Gary lost 200 more cards than Earl. The amount of cards Earl had left is $\frac{1}{3}$ the number of cards Gary had left. Find the number of cards Gary had at first?

In the end

Cards Lost



$$30 + 30 + 200 = 260$$

$$560 - 260 = 300$$

$$6 \text{ units} = 300$$

$$1 \text{ unit} = 300 \div 6 = 50$$

$$4 \text{ units} = 50 \times 4 = 200$$

$$\text{Number of cards Gary had at first} = 200 + 30 + 200 = \mathbf{430}$$

Gary had **430** cards at first.