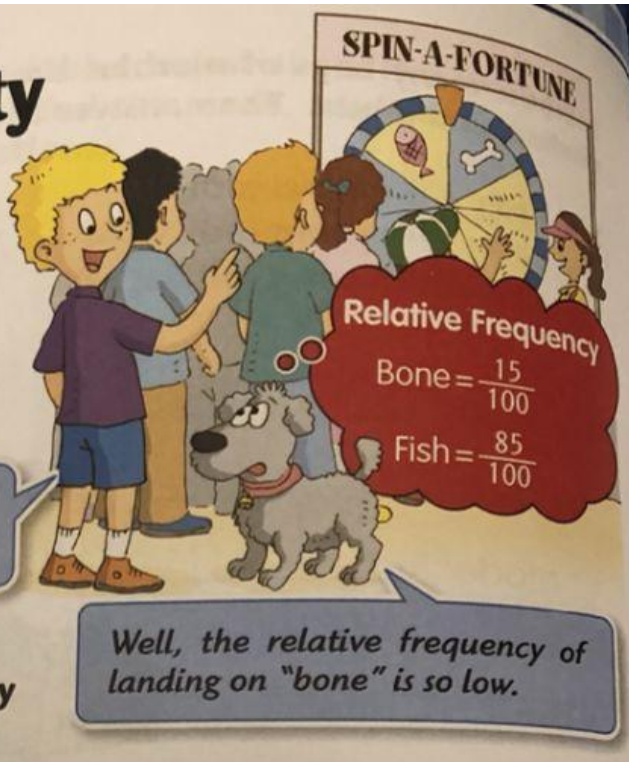
# Experimental Probability

- find relative frequency
- write relative frequency as fractions, decimals, and percents
- solve problems that involve relative frequency
- make circle graphs using relative frequency




**Joe tosses a coin. Find the relative frequency for each case.**

1. **Toss 10 times** – heads: 7 and tails: 3

   Relative frequency of heads: _____

   Relative frequency of tails: _____

2. **Toss 50 times** – heads: 22 and tails: 28

   Relative frequency of heads: _____

   Relative frequency of tails: _____

**Hint**

Relative frequency is a ratio as described below:

$$\frac{\text{no. of successful outcomes}}{\text{total no. of trials}}$$

**Look at the records. See how many times the children picked a ball from each box. Fill in the blanks and find the relative frequency for each kind of ball.**

3. Mary's Record

| Ball | No. of Times | Relative Frequency |
|---|---|---|
|  | 5 | |
|  | 9 | |
|  | 6 | |

Total: _____

4. Kevin's Record

| Ball | No. of Times | Relative Frequency |
|---|---|---|
| red | 6 | |
| blue | 9 | |
| green | | |

Total: 20

LIVEWORKSHEETS