

# Homework Assignment

## Chapter 4: Probability

All homework is done in a notebook or on loose leaf. Unless problem is meant to be a “mental” problem, all work should be shown.

If assigned the alternate evens, do these problems:

2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66, 70, 74, 78, 82, 86, 90, 94, 98, 102, etc.

### Homework

- **Section 4-1:** pgs. 185-187: #14-30 alternate evens; #32-36 evens; #50 & 51; #54-60 evens; #62-66 all; #70, 72, 73, 74, & 75
- **Section 4-2:** pgs. 192-194: #4, 6, 8, 9-11 all; #23, 29, 30, 32, 33, & 36 all

### Chapter Notes

- **Ratios** – any numeric relationship that can be expressed as a fraction (written  $a/b$  or  $a:b$ )
- **Proportions** – two or more ratios that are equivalent ( $a/b = c/d$  or  $a:b = c:d$ ) – solvable using cross multiplication or eliminate denominator using multiplication property of equality