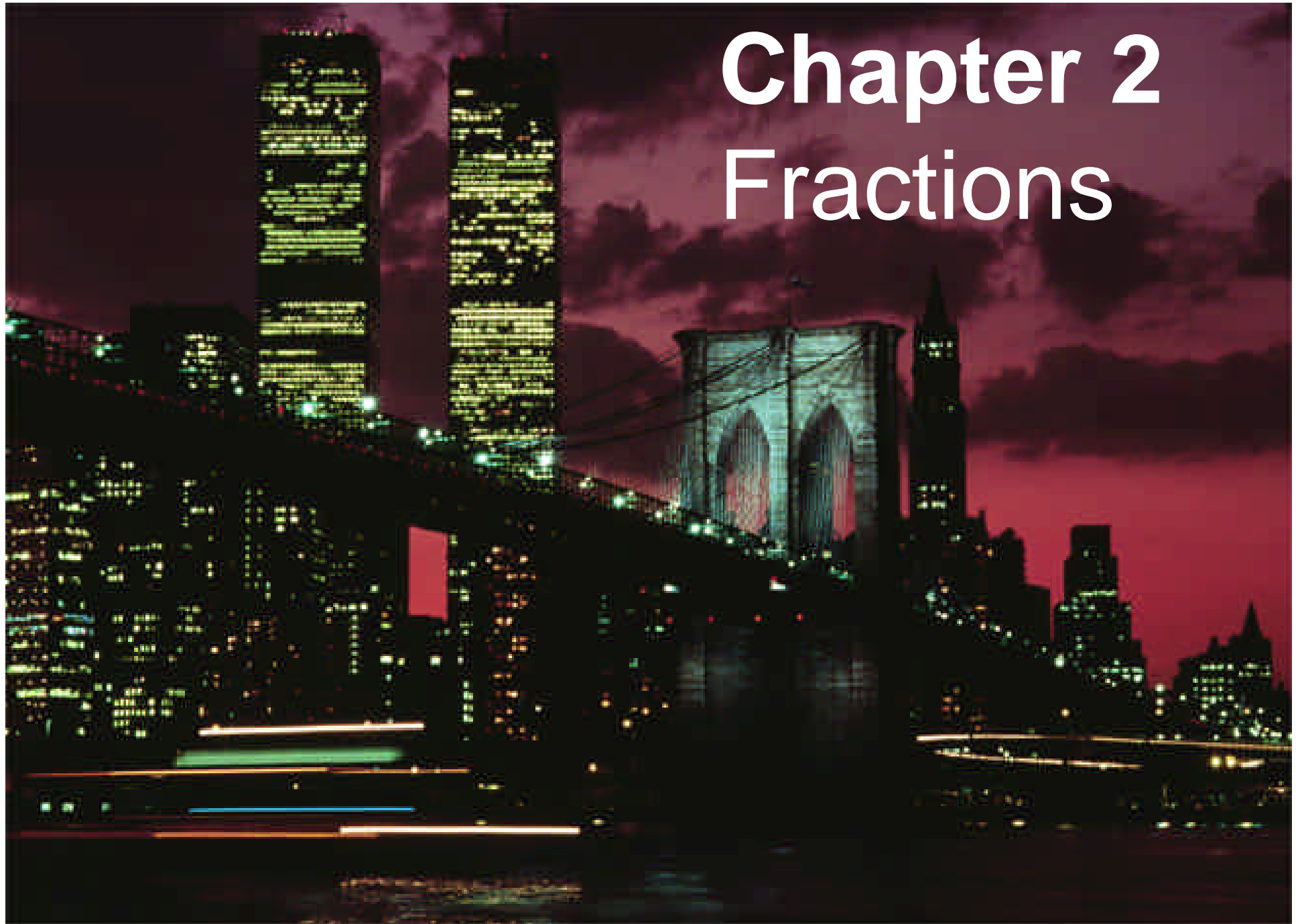


# Chapter 2

# Fractions



# Rules for Divisibility

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## **A number can be divided by:**

- 2 if the last digit is 0, 2, 4, 6, or 8
- 3 if the sum of the digits is divisible by 3
- 4 if the last two digits are divisible by 4
- 5 if the last digit is 0 or 5
- 6 if the number is even and the sum of the digits is divisible by 3
- 8 if the last three digits are divisible by 8
- 9 if the sum of all the digits is divisible by 9
- 10 if the last digit is 0

# Decimal Equivalents

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$$\frac{1}{16} = .0625$$

$$\frac{1}{9} = .1111$$

$$\frac{1}{8} = .125$$

$$\frac{1}{7} = .1429$$

$$\frac{1}{6} = .1667$$

$$\frac{3}{16} = .1875$$

$$\frac{1}{5} = .2$$

$$\frac{1}{4} = .25$$

$$\frac{5}{16} = .3125$$

$$\frac{1}{3} = .3333$$

$$\frac{3}{8} = .375$$

$$\frac{7}{16} = .4375$$

$$\frac{1}{2} = .5$$

$$\frac{9}{16} = .5625$$

$$\frac{5}{8} = .625$$

$$\frac{2}{3} = .6667$$

$$\frac{11}{16} = .6875$$

$$\frac{3}{4} = .75$$

$$\frac{13}{16} = .8125$$

$$\frac{5}{6} = .8333$$

$$\frac{7}{8} = .875$$