

15.8 Markdown (pg 577)

Markdown = Reg. Selling Price - Sale Price

$$M_d = R - SP$$

$$M_d \% = \frac{M_d}{\text{Reg.}}$$

Ex #1: $R = 298.49$
 $SP = 168.94$

a) $M_d = R - SP$

$$M_d = 298.49 - 168.94$$

$$M_d = \$129.55$$

b) $\% = \frac{M_d}{R} \times 100 = \frac{129.55}{298.49} \times 100 = 43.4\%$

① Reg = 80
 SP = 60

a) $M_d = R - SP$

$$M_d = 80 - 60$$

$$M_d = 20$$

b) $\% = \frac{20}{80} \times 100 = 25\%$

② Reg = 174.79
 SP = 104.87

a) $M_d = R - SP$

$$M_d = 174.79 - 104.87$$

$$M_d = \$69.92$$

b) $\% = \frac{69.92}{174.79} \times 100 = 40\%$

Ex #2: 60%
 SP = 32.00

$$M_d = R - SP$$

$$M_d = R - 32$$

$$\% = \frac{M_d}{R} \times 100 = \frac{R - 32}{R} \times 100 = 60\%$$

⑤ SP = 19.25
 M% = 45%

$$M_d = R - SP$$

$$M_d = R - 19.25$$

$$\% = \frac{M_d}{R} \times 100 = 45\%$$

$$(R) \cdot 45 = \frac{R - 19.25}{R} \times 100$$

$$.45R = R - 19.25$$

$$-.55R = -19.25$$

$$R = 35.00$$

$$.6R = R - 32$$

$$-.4R = -32$$

$$R = 80$$

$$M = R - SP$$

$$80 - 32$$

$$M = 48$$

$$M_d = R - SP$$

$$35 - 19.25$$

$$M_d = 15.75$$

15.8 Markdown (pg 577)

Markdown = Reg. Selling Price - Sale Price

$$M\downarrow = R - S.P.$$

$$M\downarrow \% = \frac{M\downarrow}{Reg.}$$

Ex #1: $R = 298.49$
 $SP = 168.94$

a) $M\downarrow = R - SP$

$$298.49 - 168.94$$

$$M\downarrow = \$129.55$$

b) $\% = \frac{M}{Reg} = \frac{129.55}{268.94} \times 100 = 43.4\%$

(1) $Reg = 80$
 $SP = 60$

a) $M\downarrow = R - SP$

$$80 - 60$$

$$M\downarrow = 20$$

b) $\% = \frac{20}{80} \times 100 = 25\%$

(2) $Reg = 174.79$
 $SP = 104.87$

a) $M\downarrow = R - SP$

$$174.79 - 104.87$$

$$M\downarrow = \$69.92$$

b) $\% = \frac{69.92}{174.79} \times 100 = 40\%$

Ex #2: 60%
 $SP = 32.80$

$$M\downarrow = R - SP$$

$$32$$

$$\% = \frac{M}{R}$$

$$(R) \cdot 60 = \frac{R - 32}{R} (R)$$

$$.6R = R - 32$$

$$-1R = -R$$

$$-.4R = -32$$

$$R = 80$$

$$M = R - SP$$

$$80 - 32$$

$$M = 48$$

(5) $SP = 19.25$
 $M\% = 45\%$

$$M\downarrow = R - SP$$

$$19.25$$

$$\% = \frac{M}{R}$$

$$(R) \cdot 45 = \frac{R - 19.25}{R} (R)$$

$$.45R = R - 19.25$$

$$-R = -R$$

$$-.55R = -19.25$$

$$R = 35.00$$

$$M\downarrow = R - SP$$

$$35 - 19.25$$

(b)

$$M\downarrow = 15.75$$

(a)

$$R = 35.00$$