

# 8학년 수학 참고표

## 변환

1야드 = 3피트  
1마일 = 5,280피트

1컵 = 8액량 온스  
1파인트 = 2컵  
1쿼트 = 2파인트  
1갤런 = 4쿼트

1파운드 = 16온스  
1톤 = 2,000파운드

## 계량법 변환

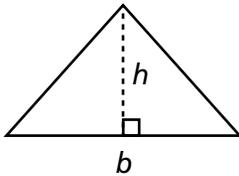
1인치 = 2.54센티미터  
1미터 = 39.37인치  
1마일 = 1.609킬로미터  
1킬로미터 = 0.6214마일

1갤런 = 3.785리터  
1리터 = 0.2642갤런

1파운드 = 0.454킬로그램  
1킬로그램 = 2.2파운드

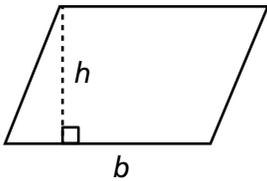
## 공식 및 도형

### 삼각형



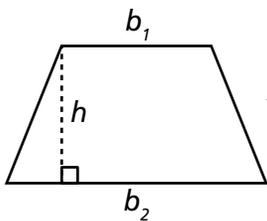
$$A = \frac{1}{2}bh$$

### 평행 사변형



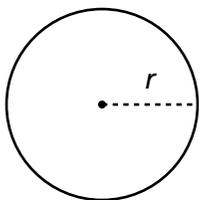
$$A = bh$$

### 사다리꼴



$$A = \frac{1}{2}h(b_1 + b_2)$$

### 원



$$C = 2\pi r$$

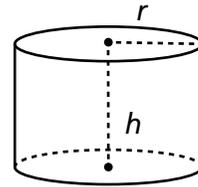
$$C = \pi d$$

$$A = \pi r^2$$

### 일반 각기둥

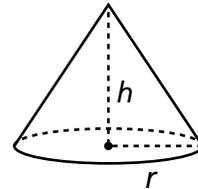
$$V = Bh$$

### 직원기둥



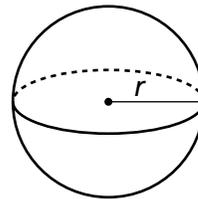
$$V = \pi r^2 h$$

### 직원뿔



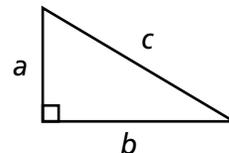
$$V = \frac{1}{3}\pi r^2 h$$

### 구



$$V = \frac{4}{3}\pi r^3$$

### 피타고라스의 정리



$$c^2 = a^2 + b^2$$