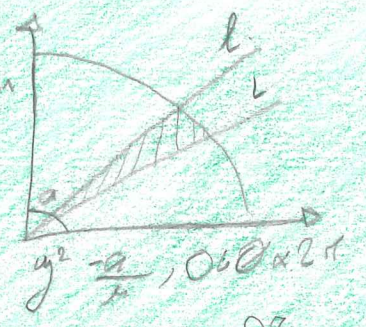
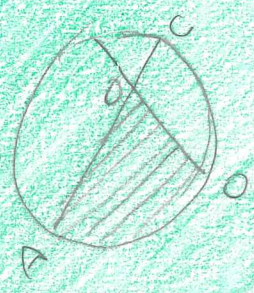
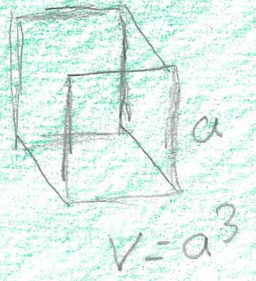


$$\left(1 + \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \dots\right) \text{Sum} = 2$$

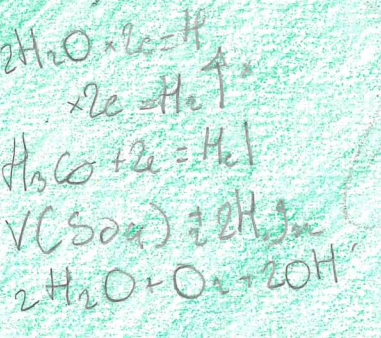


$$S(A \cup B) = S(A) + S(B) - S(A \cap B)$$

$$\cos 2\theta = \sin \theta \sin 3\theta - \sin \theta \sin \theta = -\sin^2 \theta$$



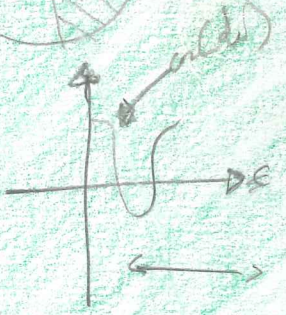
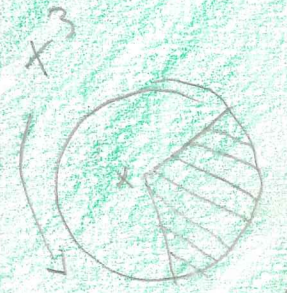
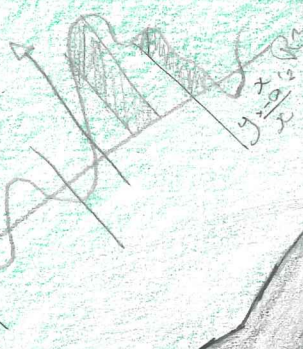
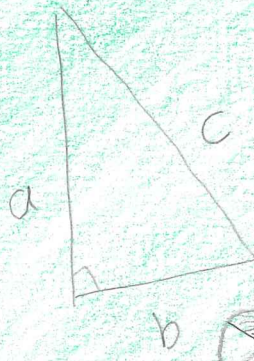
$$a(\omega) = \frac{1}{2\pi} \int_{-\pi}^{\pi} f(\theta) \cos(\omega t - \theta) d\theta$$



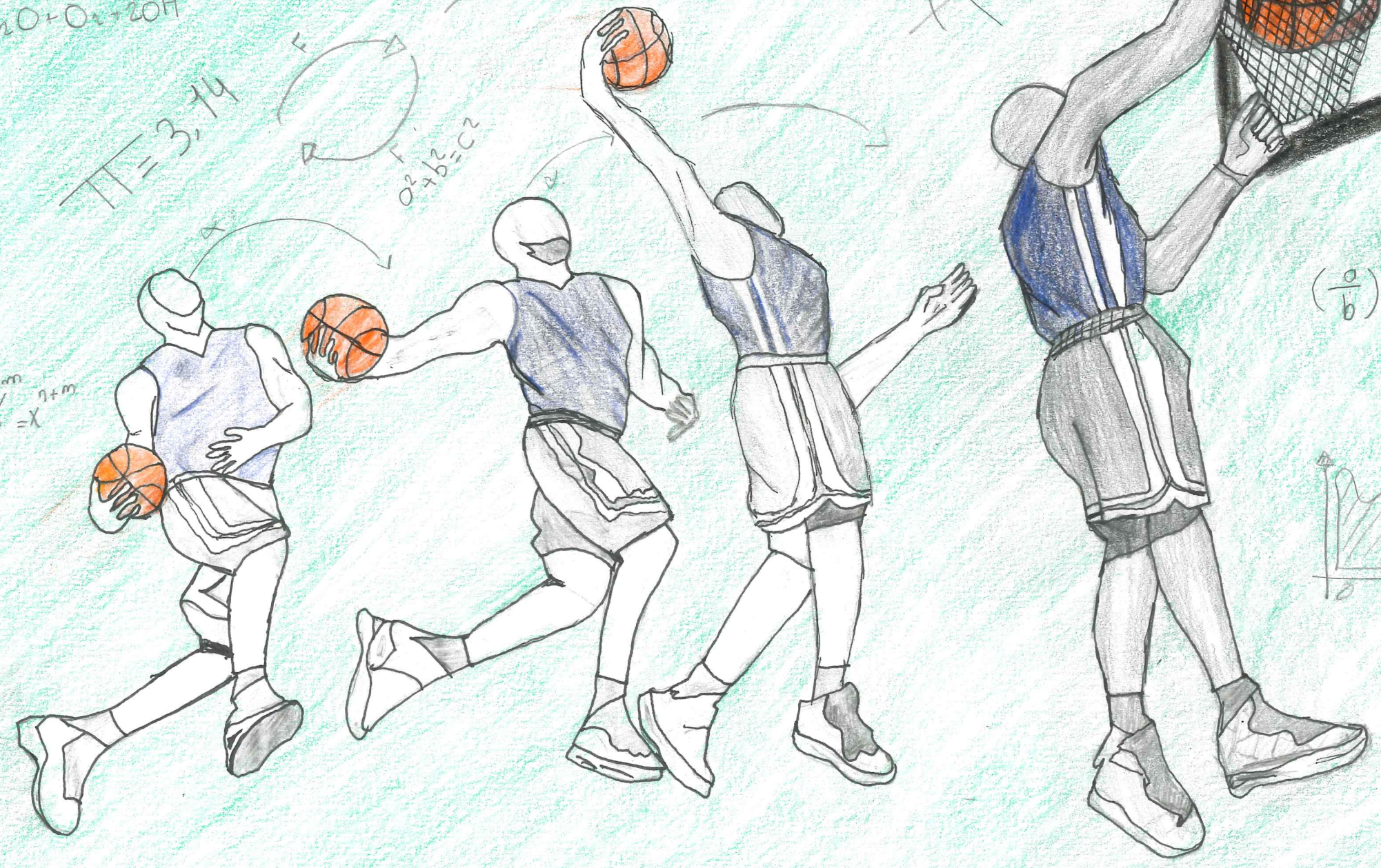
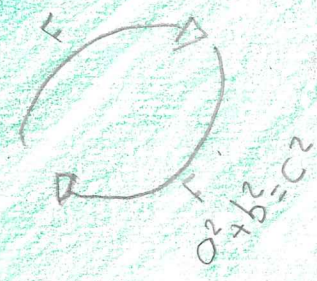
$$E = mc^2$$



$$\cos^2 \theta = \sin^2 \theta + \cos^2 \theta$$

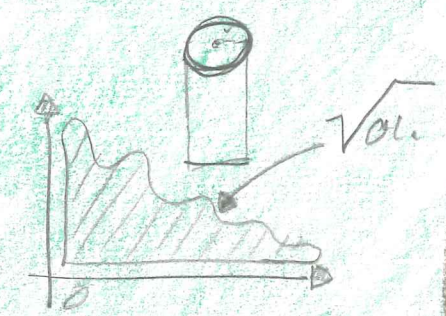


$$\pi = 3.14$$



$$x^n \cdot x^m = x^{n+m}$$

$$\left(\frac{a}{b}\right)^{-1} = \frac{b}{a}$$



$$\sqrt{x} = x^{1/2}$$

$$\log_a x = b \Rightarrow a^b = x$$



$$\sqrt[n]{n-1}$$

