

$$1. \frac{4}{4} + \frac{4}{5} + \frac{4}{6} + \frac{4}{7} + \frac{4}{8} = \sum_{i=4}^8 \frac{4}{i}$$

$$2. -\frac{6}{1} - \frac{6}{2} - \frac{6}{3} - \frac{6}{4} - \frac{6}{5} - \frac{6}{6} = \sum_{i=1}^6 \frac{-6}{i}$$

$$3. 12 + 16 + 20 + 24$$

$$= 4 \times 3 + 4 \times 4 + 4 \times 5 + 4 \times 6$$

$$= \sum_{i=3}^6 4i$$