

Extra oefeningen sommatieteken: antwoorden

vraag 1

$$\sum_{i=7}^{10} \sqrt{x_i} = \sqrt{x_7} + \sqrt{x_8} + \sqrt{x_9} + \sqrt{x_{10}}$$

$$\sum_{i=1}^5 \frac{x^i}{i+1} = \frac{x}{2} + \frac{x^2}{3} + \frac{x^3}{4} + \frac{x^4}{5} + \frac{x^5}{6}$$

vraag 2

$$2 + 4 + 6 + 8 + 10 = \sum_{i=1}^5 2i$$

$$1 - 1 + 1 - 1 + 1 - 1 + \dots = \sum_{i=1}^n (-1)^{n+1}$$

$$4 - 9 + 16 - 25 + 36 - 49 + 64 = \sum_{i=2}^8 (-1)^i \cdot i^2$$

vraag 3

$$\sum_{i=1}^8 n_i = cn_8$$

$$\sum_{i=1}^{28} f_i = cf_{28}$$