```
Sum[c, {c, b + 1, Floor[(n / (a b)) ^ (1 / 2)]}]
```

$$\text{Expand}\left[-\frac{1}{2}\left(b - \text{Floor}\left[\sqrt{\frac{n}{a b}}\right]\right)\left(1 + b + \text{Floor}\left[\sqrt{\frac{n}{a b}}\right]\right)\right]$$

$$-\frac{b}{2} - \frac{b^2}{2} + \frac{1}{2}\text{Floor}\left[\sqrt{\frac{n}{a b}}\right] + \frac{1}{2}\text{Floor}\left[\sqrt{\frac{n}{a b}}\right]^2$$

$$\text{Expand}\left[\frac{1}{2}\left(-b + \sqrt{\frac{n}{a b}}\right)\left(1 + b + \sqrt{\frac{n}{a b}}\right)\right]$$

$$-\frac{b}{2} - \frac{b^2}{2} + \frac{n}{2 a b} + \frac{1}{2}\sqrt{\frac{n}{a b}}$$

$$2 \times 3 \times 4 \times 5$$

120