

# SLUNCE

## ☼ Jak je Slunce veliké?

☼ Slunce má v průměru

$$\frac{\quad}{4:4} \quad \frac{\quad}{12:4} \quad \frac{\quad}{3 \times 3} \quad \frac{\quad}{8:4} \quad \frac{\quad}{15:3} \quad \frac{\quad}{21:7} \quad \frac{\quad}{3 \times 0} \quad \text{km.}$$

To je  $(4 \times 8) + (7 \times 4) + (10 \times 4) + (27:3) = \underline{\quad}$  krát víc,  
než je průměr Země.

☼ Znázorníme-li Slunce jako

|                            |                      |                      |                            |                             |                            |                            |                      |                      |
|----------------------------|----------------------|----------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------|----------------------|
| $\frac{\quad}{3 \times 9}$ | $\frac{\quad}{36:4}$ | $\frac{\quad}{15:3}$ | $\frac{\quad}{4 \times 9}$ | $\frac{\quad}{4 \times 10}$ | $\frac{\quad}{2 \times 7}$ | $\frac{\quad}{3 \times 3}$ | $\frac{\quad}{12:4}$ | $\frac{\quad}{16:8}$ |
|----------------------------|----------------------|----------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------|----------------------|

|                            |                            |                            |
|----------------------------|----------------------------|----------------------------|
| $\frac{\quad}{2 \times 6}$ | $\frac{\quad}{3 \times 6}$ | $\frac{\quad}{4 \times 8}$ |
|----------------------------|----------------------------|----------------------------|

pak bude Země velká jako

|                            |                      |                            |                            |                             |                            |                            |                            |                      |                     |                             |
|----------------------------|----------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------|---------------------|-----------------------------|
| $\frac{\quad}{3 \times 2}$ | $\frac{\quad}{24:3}$ | $\frac{\quad}{7 \times 4}$ | $\frac{\quad}{2 \times 5}$ | $\frac{\quad}{3 \times 10}$ | $\frac{\quad}{2 \times 7}$ | $\frac{\quad}{9 \times 2}$ | $\frac{\quad}{3 \times 5}$ | $\frac{\quad}{18:2}$ | $\frac{\quad}{6:2}$ | $\frac{\quad}{4 \times 10}$ |
|----------------------------|----------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------|---------------------|-----------------------------|

|                            |                            |                             |                      |                            |                            |                      |                             |
|----------------------------|----------------------------|-----------------------------|----------------------|----------------------------|----------------------------|----------------------|-----------------------------|
| $\frac{\quad}{3 \times 7}$ | $\frac{\quad}{2 \times 7}$ | $\frac{\quad}{2 \times 20}$ | $\frac{\quad}{18:6}$ | $\frac{\quad}{2 \times 9}$ | $\frac{\quad}{4 \times 8}$ | $\frac{\quad}{30:2}$ | $\frac{\quad}{1 \times 40}$ |
|----------------------------|----------------------------|-----------------------------|----------------------|----------------------------|----------------------------|----------------------|-----------------------------|

## ☼ Proč se nesmíme dívat na Slunce přímo?

☼ Povrch slunce má teplotu

$$\frac{\quad}{18:3} \quad \frac{\quad}{3 \times 0} \quad \frac{\quad}{4 \times 0} \quad \frac{\quad}{0 \times 2} \quad ^\circ\text{C} \quad \text{a velmi silně září.}$$

☼ Rohovka v našem oku se chová jako

|                            |                      |                            |                            |                             |
|----------------------------|----------------------|----------------------------|----------------------------|-----------------------------|
| $\frac{\quad}{4 \times 8}$ | $\frac{\quad}{18:2}$ | $\frac{\quad}{8 \times 4}$ | $\frac{\quad}{3 \times 5}$ | $\frac{\quad}{10 \times 4}$ |
|----------------------------|----------------------|----------------------------|----------------------------|-----------------------------|

a soustřeďuje světlo na

|                      |                            |                      |                            |                            |                            |                            |
|----------------------|----------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| $\frac{\quad}{24:4}$ | $\frac{\quad}{3 \times 6}$ | $\frac{\quad}{15:3}$ | $\frac{\quad}{2 \times 5}$ | $\frac{\quad}{9 \times 2}$ | $\frac{\quad}{4 \times 8}$ | $\frac{\quad}{6 \times 3}$ |
|----------------------|----------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------------------|

kterou by sluneční záření mohlo poškodit na celý život.

|          |          |          |          |          |          |          |          |           |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|
| <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b> | <b>G</b> | <b>H</b> | <b>CH</b> | <b>I</b> | <b>J</b> | <b>K</b> |
| 40       | 36       | 32       | 30       | 28       | 27       | 24       | 21       | 20        | 18       | 16       | 15       |
| <b>L</b> | <b>M</b> | <b>N</b> | <b>O</b> | <b>P</b> | <b>R</b> | <b>S</b> | <b>T</b> | <b>U</b>  | <b>V</b> | <b>Y</b> | <b>Z</b> |
| 14       | 12       | 10       | 9        | 8        | 7        | 6        | 5        | 4         | 3        | 2        | 1        |

## ☼ Zjisti, co znázorňuje tento obrázek?

