

1. $150 \text{ nm} = 0,15 \text{ mm} = \underline{0,00015 \text{ m}}$
 $1,5 \text{ m} = 0,00015 \text{ m} = \underline{10'000 \times}$

2. $640 \text{ GB} = 640'000 \text{ MB} = \underline{640'000'000 \text{ KB}}$
 $640'000'000 \text{ KB} : 800 \text{ KB} = \underline{800'000 \times}$

3. $150'000'000 \text{ km} : 384'000 \text{ km} \hat{=} \underline{391 \times}$

4. $1'000'000 \text{ Fr.} = 0,65 \text{ Fr.} = \underline{20'000'000 \times}$
 $20'000'000 \cdot 7 \text{ g} = 140'000'000 \text{ g} = 140'000 \text{ kg} = \underline{140 \text{ t}}$

5. $10^{12} = 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10$
 $= 1'000'000'000'000 = \underline{1 \text{ Billion}}$

6. $30 \text{ cm} = 300 \text{ mm} = 300'000 \mu\text{m} = 300'000'000 \text{ nm}$
 $= \underline{300'000'000'000 \text{ pm}}$
 $300'000'000'000 \text{ pm} : 100 \text{ pm} = \underline{3'000'000'000 \times}$

7. $0,07 \text{ mm} = 70 \mu\text{m} = 70'000 \text{ nm} = \underline{70'000'000 \text{ pm}}$
 $70'000'000 \text{ pm} : 100 \text{ pm} = \underline{700'000 \times}$

8. $1'000'000 \text{ g} = 13,2 \text{ g} \hat{=} \underline{75'758 \times}$
 $75'758 \cdot 5 \text{ Fr.} = \underline{378'790 \text{ Fr.}}$

$$9. \quad 1'007'000 \text{ mm} : 1,5 \text{ mm} \hat{=} \underline{\underline{671'333 \times}}$$

$$10. \quad 1 \text{ Jahr} = 365 \cdot 24 \cdot 60 \cdot 60 \text{ Sekunden}$$
$$= \underline{\underline{31'536'000 \text{ s}}}$$

$$31'536'000 \cdot 300'000 \text{ km} = \underline{\underline{9'460'800'000'000 \text{ km}}}$$
