Oppgaver for kapittel 0

0.1.1

Calculate.

a) $12 + 84$ b) $36 + 51$ c) $328 + 571$ d) $242 + 56$

0.1.2

Calculate.

a) $19 + 84$ b) $86 + 57$ c) $529 + 471$ d) $202 + 808$

0.2.1

Calculate.

a) $84 - 23$ b) $286 - 52$ c) $529 - 401$ d) $782 - 131$

0.2.2

Calculate.

a) $78 - 19$ b) $824 - 499$ c) $731 - 208$ d) $1078 - 991$

0.3.1

Calculate.

a) $12 \cdot 3$ b) $28 \cdot 4$ c) $76 \cdot 5$ d) $43 \cdot 6$

e) $109 \cdot 7$ f) $98 \cdot 8$ g) $213 \cdot 9$

0.3.2

Calculate.

a) $29 \cdot 12$ b) $83 \cdot 31$ c) $91 \cdot 76$ d) $14 \cdot 83$

0.3.3

Calculate.

a) $531 \cdot 56$ b) $83 \cdot 701$ c) $91 \cdot 673$ d) $731 \cdot 67$

0.3.4

a) Use a calculator to calculate $27 \cdot 5$ og $2.7 \cdot 5$.

b) Use a calculator to calculate $247 \cdot 192$ og $24.7 \cdot 19.2$.

c) Use a calculator to calculate $928 \cdot 74$ og $9.28 \cdot 7.4$.

d) Use a calculator to calculate $134 \cdot 4\,249$ og $1.34 \cdot 42.49$.

e) Compare the pairs of answers from a) - c), and make a rule for how to calculate multiplication involving decimal numbers.

0.3.5

Calculate.

a) $82.3 \cdot 5$ b) $9.51 \cdot 7$ c) $22.4 \cdot 1.7$

0.4.1

Calculate.

a) $98 : 2$ b) $87 : 3$ c) $92 : 4$ d) $85 : 5$ e) $72 : 6$

0.4.2

Calculate.

a) $378 : 2$ b) $224 : 4$ c) $495 : 5$

e) $133 : 7$ f) $208 : 8$ g) $873 : 9$

0.5.1

Write the number in standard form.

a) 98 000 b) 167 000 000 c) 4 819 d) 21

e) 9 132,27 f) 893.7 g) 18 002.1 h) 302.4

0.5.2

Write the number in standard form.

a) 0.027 b) 0.0001901 c) 0.32 d) 0.00000020032

0.5.3

Given the calulation

$$900\,000\,000 \cdot 0.00007$$

a) Explain why the calculation can be written as

$$9 \cdot 10^8 \cdot 7 \cdot 10^{-5}$$

b) Use power rules (see Section **??**) to find the product of the calculation from a).

0.5.4 (T1H21D1)

Calculate, and write answer in standard form.

$$\frac{6.2 \cdot 107 + 2.5 \cdot 108}{0.000002}$$