



# Printable Assessments

## CAMI Maths: Grade 9

### Decimal fractions

#### 1. Calculations using decimal numbers.

1.1  $6,702 - 4,409$

1.2  $2,632 + 6,107$

1.3  $6 \times 1,12 + 3,4$

1.4  $3,72 + 0,16 - 1,36$

1.5  $7,64 \div 4 + 2,24$

#### 2. Algebraic expressions with decimal coefficients.

2.1  $6,76(-8,23h - 8,87)$

2.2  $6,51(-4,61a + 1,93)$

2.3  $8,39w \times 4,17 + 3,62 \div 7,97w$

#### 3. Write down the number value of the underlined digit.

3.1 199,4157

3.2 156,4709

3.3 298,9255

#### 4. Round off to 4 decimal places.

4.1 1,860782

4.2 8,758488

4.3 0,868589

#### 5. Multiply and divide with multiples of 10.

5.1  $0,090311 \times 10\ 000$

5.2  $0,020314 \times 100$

5.3  $27,858 \times 1\ 000$

5.4  $9,1917 \div 10\ 000$

5.5  $90,121 \div 100$



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### MEMO

1. Calculations using decimal numbers. [2.3.4.8; 2.3.4.9]

1.1  $6,702 - 4,409 = 2,293$

1.2  $2,632 + 6,107 = 8,739$

1.3  $6 \times 1,12 + 3,4 = 10,12$

1.4  $3,72 + 0,16 - 1,36 = 2,52$

1.5  $7,64 \div 4 + 2,24 = 4,15$

2. Algebraic expressions with decimal coefficients. [2.3.4.10]

2.1  $6,76(-8,23h - 8,87) = -55,63h - 59,96$

2.2  $6,51(-4,61a + 1,93) = -30,01 + 12,56$

2.3  $8,39w \times 4,17 + 3,62 \div 7,97w$   
 $= 34,99w + 0,45w$   
 $= 35,44w$

3. Write down the number value of the underlined digit. [2.3.2.4]

3.1  $\underline{1}99,4157 \longrightarrow 90$

3.2  $156,\underline{4}709 \longrightarrow 0,4$

3.3  $298,92\underline{5}5 \longrightarrow 0,005$

4. Round off to 4 decimal places. [2.3.3.3]

4.1  $1,860782 \approx 1,8608$

4.2  $8,758488 \approx 8,7585$

4.3  $0,868589 \approx 0,8686$



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5. Multiply and divide with multiples of 10. [2.3.6.3; 2.3.7.3; 2.3.7.6]

5.1  $0,090311 \times 10\ 000 = 903,11$

5.2  $0,020314 \times 100 = 2,0314$

5.3  $27,858 \times 1\ 000 = 27\ 858$

5.4  $9,1917 \div 10\ 000 = 0,00091917$

5.5  $90,121 \div 100 = 0,90121$

