



Printable assessments CAMI Mathematics: Grade 7

Decimal fractions

1. Round off to 2 decimal places.

- (a) 1,4256 (b) 25,5688
(c) 0,0214 (d) 1,5423
(e) 9,886

2. Add and subtract the following decimal fractions.

- (a)
$$\begin{array}{r} 56,76 \\ + 32,54 \\ \hline \end{array}$$
 (b)
$$\begin{array}{r} 256,56 \\ + 35,21 \\ \hline \end{array}$$

- (c)
$$\begin{array}{r} 156,86 \\ - 32,49 \\ \hline \end{array}$$
 (d)
$$\begin{array}{r} 79,271 \\ + 18,138 \\ \hline \end{array}$$

- (e)
$$\begin{array}{r} 126,342 \\ - 97,466 \\ \hline \end{array}$$

3. Calculate the following.

- (a) $1,52 + 0,45 = \dots$ (b) $4,66 + 1,86 = \dots$
(c) $3,33 + 6,34 = \dots$ (d) $1,85 + 2,55 = \dots$
(e) $2,35 + 8,15 = \dots$ (f) $6,081 - 2,826 = \dots$
(g) $0,197 + 0,598 = \dots$ (h) $3,791 - 1,468 = \dots$

4. Calculate the following.

- (a) $0,7 \times 10 = \dots$ (b) $1,39 \div 10 = \dots$
(c) $1,586 \times 100 = \dots$ (d) $3,86 \times 10 = \dots$
(e) $0,05 \times 100 = \dots$ (f) $6,24 \div 100 = \dots$
(g) $24,6 \div 100 = \dots$ (h) $1,56 \times 10 = \dots$

5. Multiply the following.

- (a) $6,22 \times 2 = \dots$
(b) $0,13 \times 4 = \dots$
(c) $1,88 \times 9 = \dots$
(d) If $9 \times 7 = 63$, calculate $0,09 \times 0,7 = \dots$
(e) If $5 \times 4 = 20$, calculate $5 \times 0,04 = \dots$



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MEMO

1. Round off to 2 decimal places. [2.3.3.1]

- (a) $1,4256 \approx 1,43$ (b) $25,5688 \approx 25,57$
(c) $0,0214 \approx 0,02$ (d) $1,5423 \approx 1,54$
(e) $9,886 \approx 9,89$

2. Add and subtract decimal fractions. [2.3.4.2; 2.3.4.3]

- (a)
$$\begin{array}{r} 56,76 \\ + 32,54 \\ \hline 89,30 \end{array}$$
 (b)
$$\begin{array}{r} 256,56 \\ + 35,21 \\ \hline 291,77 \end{array}$$

- (c)
$$\begin{array}{r} 156,86 \\ - 32,49 \\ \hline 124,37 \end{array}$$
 (d)
$$\begin{array}{r} 79,271 \\ + 18,138 \\ \hline 97,409 \end{array}$$

- (e)
$$\begin{array}{r} 126,342 \\ - 97,466 \\ \hline 28,876 \end{array}$$

3. Calculate the following. [2.3.4.7; 2.3.4.8]

- (a) $1,52 + 0,45 = 1,97$ (b) $4,66 + 1,86 = 6,52$
(c) $3,33 + 6,34 = 9,67$ (d) $1,85 + 2,55 = 4,40$
(e) $2,35 + 8,15 = 10,50$ (f) $6,081 - 2,826 = 3,255$
(g) $0,197 + 0,598 = 0,795$ (h) $3,791 - 1,468 = 2,323$

4. Calculate the following. [2.3.6.1; 2.3.7.4]

- (a) $0,7 \times 10 = 7$ (b) $1,39 \div 10 = 0,139$
(c) $1,586 \times 100 = 158,6$ (d) $3,86 \times 10 = 38,6$
(e) $0,05 \times 100 = 5$ (f) $6,24 \div 100 = 0,0624$
(g) $24,6 \div 100 = 0,246$ (h) $1,56 \times 10 = 15,6$

5. Multiply the following. [2.3.6.4; 2.3.6.7]

- (a) $6,22 \times 2 = 12,44$
(b) $0,13 \times 4 = 0,52$
(c) $1,88 \times 9 = 16,92$
(d) If $9 \times 7 = 63$, then $0,09 \times 0,7 = 0,063$
(e) If $5 \times 4 = 20$, then $5 \times 0,04 = 0,20$