



Printable assessments CAMI Mathematics: Grade 6

Division

1. Complete the following calculations.

- (a) $3200 \div \square = 4$
- (b) $\square \div 29 = 31$
- (c) $12 \times 8 \div 4 = \square$
- (d) $84 - (16 \times 4) \div 8 = \square$
- (e) $34 - 21 \div 7 = \square$

2. Calculate the following by using long division.

- (a) $8643 \div 36$
- (b) $4813 \div 213$
- (c) $843 \div 27$

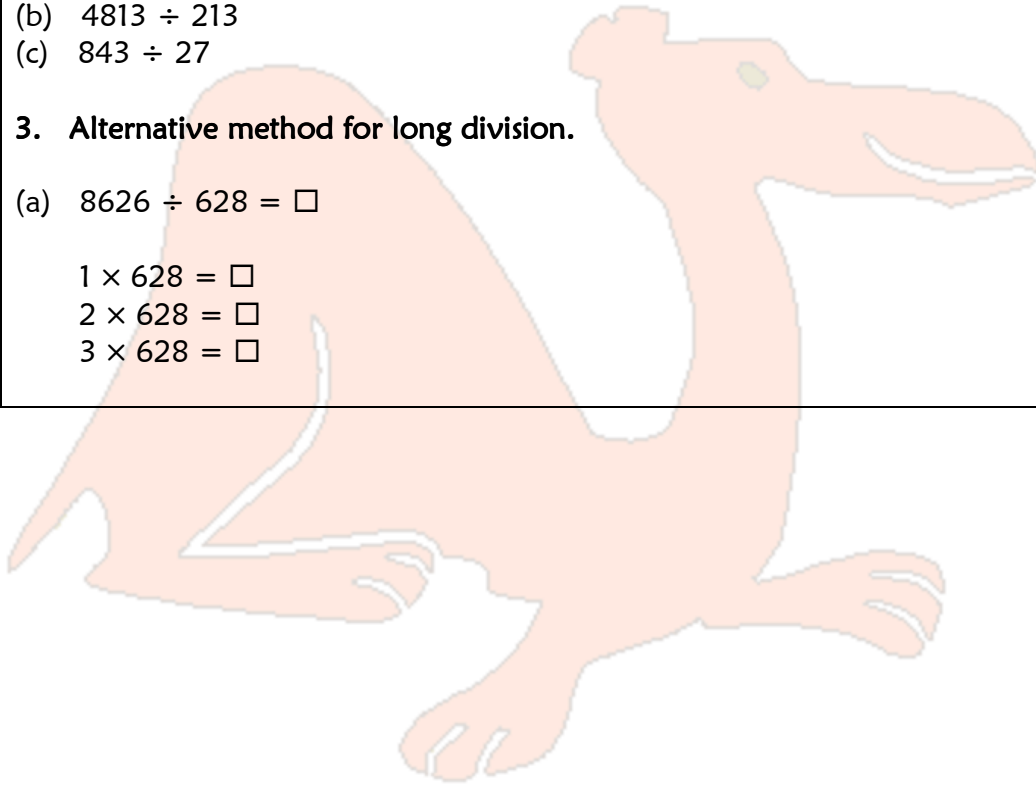
3. Alternative method for long division.

- (a) $8626 \div 628 = \square$

$$1 \times 628 = \square$$

$$2 \times 628 = \square$$

$$3 \times 628 = \square$$





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MEMO

1. Mental calculations.

- (a) $3200 \div 800 = 4$
- (b) $899 \div 29 = 31$
- (c) $12 \times 8 \div 4 = 24$
- (d) $84 - (16 \times 4) \div 8 = 76$
- (e) $34 - 21 \div 7 = 31$

2. Long division. [BasNum77B ; BasNum69C ; BasNum76H]

- (a) $8643 \div 36 = 240$ remainder 3

$$\begin{array}{r} 240 \text{ R } 3 \\ 36 \overline{) 8643} \\ \underline{-72} \\ 144 \\ \underline{-144} \\ 3 \end{array}$$

- (b) $4813 \div 213 = 22$ remainder 127

$$\begin{array}{r} 22 \text{ R } 127 \\ 213 \overline{) 4813} \\ \underline{-426} \\ 553 \\ \underline{-426} \\ 127 \end{array}$$

- (c) $843 \div 27 = 31$ remainder 6

$$\begin{array}{r} 31 \text{ R } 6 \\ 27 \overline{) 843} \\ \underline{-81} \\ 33 \\ \underline{-27} \\ 6 \end{array}$$



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3. Additional method. [1.5.3.8]

(a) $8626 \div 628 = 13$ remainder 462

$$1 \times 628 = 628$$

$$2 \times 628 = 1256$$

$$3 \times 628 = 1884$$

$$\begin{array}{r} 13 \text{ R } 462 \\ 628 \overline{) 8626} \\ \underline{628} \\ 234 \\ \underline{234} \\ 0 \\ \underline{0} \\ 462 \\ \underline{462} \\ 0 \end{array}$$

