

## Investigating Division

In how many ways can you complete the sum below?

$$\begin{array}{r} \square \square \cdot \square \\ 8 \overline{) \square \square \cdot \square} \end{array}$$



### Learning and Teaching Objectives

- Give examples which match a given statement and ones which do not
- Describe a rule of a pattern or relationship in words
- Predict the next few terms in a sequence to test the rule

## Investigating division solution

$$99.2 \div 8 = 12.4$$

$$98.4 \div 8 = 12.3$$

$$97.6 \div 8 = 12.2$$

$$96.8 \div 8 = 12.1$$

$$96.0 \div 8 = 12.0$$

$$95.2 \div 8 = 11.9$$

$$94.4 \div 8 = 11.8$$

$$93.6 \div 8 = 11.7$$

$$92.8 \div 8 = 11.6$$

$$92.0 \div 8 = 11.5$$

$$91.2 \div 8 = 11.4$$

$$90.4 \div 8 = 11.3$$

$$89.6 \div 8 = 11.2$$

$$88.8 \div 8 = 11.1$$

$$88.0 \div 8 = 11.0$$

$$87.2 \div 8 = 10.9$$

$$86.4 \div 8 = 10.8$$

$$85.6 \div 8 = 10.7$$

$$84.8 \div 8 = 10.6$$

$$84.0 \div 8 = 10.5$$

$$83.2 \div 8 = 10.4$$

$$82.4 \div 8 = 10.3$$

$$81.6 \div 8 = 10.2$$

$$80.8 \div 8 = 10.1$$

$$80.0 \div 8 = 10.0$$