

Explain the mistakes

Mistake 1

$$3.4 \times 100 = 3.400$$

Mistake 2

$$0.7 \times 100 = 700$$

Mistake 3

$$35 \div 10 = 350$$

Mistake 4

$$6.4 \times 10 = 60.4$$

163 × 27

Mistake 1

$$\begin{array}{r} 163 \\ \times 27 \\ \hline 1141 \\ 326 \\ \hline 1467 \end{array}$$

Mistake 2

$$\begin{array}{r} 163 \\ \times 27 \\ \hline 721 \\ 2260 \\ \hline 2981 \end{array}$$

Missing digits

$$\begin{array}{r} \square 8 \square \\ \times 9 \\ \hline 7047 \end{array}$$

$$\begin{array}{r} 5 \square 3 \\ \times \square \\ \hline 3438 \end{array}$$

Missing digits

$$\begin{array}{r} 25\Box \\ \times \Box 7 \\ \hline 1771 \\ 7590 \\ \hline 9361 \end{array}$$

Missing digits

$$\begin{array}{r} \Box 15 \\ \times 6\Box \\ \hline 3260 \\ 48900 \\ \hline 52160 \end{array}$$

Explain the mistakes

$$564 \div 3$$

Mistake 1

$$3 \overline{) 564} \begin{array}{l} 121 \\ \hline \end{array}$$

Mistake 2

$$3 \overline{) 564} \begin{array}{l} 194 \text{ r } 2 \\ \hline \end{array}$$

Mistake 3

$$3 \overline{) 564} \begin{array}{l} 187 \\ \hline \end{array}$$

How many ways?

Level 1: complete using digits 0-9.

$$\Box \Box \div \Box = \Box \text{ remainder } \Box$$

Level 2: complete, using the 7 as 2 as shown.

$$\Box \Box \div 7 = \Box \text{ remainder } 2$$

Level 3: how many ways can level 2 be done?