

Name: Date: 

## Year 6 Reasoning Quiz 2

### Missing Number Questions

1. Write the three missing digits to make this addition correct.

$$\begin{array}{r} \square 5 2 7 \\ + 2 \square 1 \square \\ \hline 6 0 4 3 \end{array}$$

2. Write the four missing digits to make this subtraction correct.

$$\begin{array}{r} \square 4 \square 6 \\ - 3 \square 8 \square \\ \hline 4 1 2 5 \end{array}$$

3. Write the three missing digits to make this addition correct.

$$\begin{array}{r} 6 2 \square \\ + 2 \square 6 \\ \hline \square 0 5 \end{array}$$

4. Write the three missing digits to make this subtraction correct.

$$\begin{array}{r}
 7 \quad 1 \quad \square \\
 - \quad 4 \quad \square \quad 3 \\
 \hline
 \square \quad 9 \quad 3
 \end{array}$$

5. Write the two missing digits to make this long multiplication correct.

$$\begin{array}{r}
 \quad \quad 5 \quad \square \\
 \times \quad \square \quad 4 \\
 \hline
 \quad \quad 2 \quad 2 \quad 8 \\
 1 \quad 1 \quad 4 \quad 0 \\
 \hline
 1 \quad 3 \quad 6 \quad 8
 \end{array}$$

6. Complete this division calculation by filling in the missing numbers.

$$\begin{array}{r}
 \quad \quad \quad 2 \quad 6 \quad 5 \\
 1 \quad \square \overline{) \square \quad 5 \quad \square \quad 5} \\
 \quad \quad \underline{3 \quad 4} \phantom{0} \\
 \quad \quad 1 \quad 1 \quad \square \\
 \quad \quad \underline{1 \quad 0 \quad 2} \\
 \quad \quad \quad \square \quad 5 \\
 \quad \quad \quad \underline{\square \quad 5} \\
 \quad \quad \quad \quad 0 \quad 0
 \end{array}$$

**Word Questions**

- 7. There are 80 pencils in a pack.  
There are 4 children who are given 6 pencils each from the pack.  
How many pencils are left in the pack?

Show your method.




- 8. Five children go to the cinema.  
Large popcorn costs £3.75  
Drink costs £2.40  
They share the cost equally of buying 2 popcorns and 3 drinks.  
How much does each child pay?

Show your method.






**1**  $3527 + 2516 = 6043$

**2**  $7406 - 3281 = 4125$

**3**  $629 + 276 = 905$

**4**  $716 - 423 = 293$

**5**  $57 \times 24 = 1368$

**6**

$$\begin{array}{r} 265 \\ \times 17 \\ \hline 1825 \\ 2030 \\ \hline 4505 \end{array}$$

**7** 56 pencils

**8** £2.94

**9** 84

**10** £124.55