# Maths HW

**Year 3**

# 3-Digit Column Addition with Regrouping

| 1. | | | | 2. | | | | 3. | | | | 4. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | 5 | 5 | | 2 | 7 | 1 | | 5 | 9 | 0 | | 1 | 9 | 9 |
| + | 4 | 3 | 6 | + | 1 | 4 | 3 | + | 3 | 4 | 5 | + | 2 | 9 | 1 |

| 5. | | | | 6. | | | | 7. | | | | 8. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 7 | 4 | | 8 | 7 | 9 | | 6 | 0 | 8 | | 9 | 1 | 4 |
| + | 1 | 3 | 6 | + | | 5 | 1 | + | 2 | 3 | 4 | + | | 2 | 7 |

**Find the missing numbers in the calculations.**

| 9. | | | | 10. | | | | 11. | | | | 12. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 9 | 4 | | 1 | 7 | ☐ | | 2 | 2 | 9 | | 2 | 4 | ☐ |
| + | ☐ | 2 | ☐ | + | 1 | ☐ | 5 | + | ☐ | 4 | ☐ | + | ☐ | 8 | 8 |
| | 5 | 1 | 6 | | 3 | 1 | 8 | | 5 | 7 | 2 | | 5 | 3 | 1 |

**Explain the mistake that has been made.**

| | 2 | 4 | 7 |
|---|---|---|---|
| + | 8 | 1 | |
| | | | |

_____
_____
_____
_____

**Sort the addition calculations into the table.**

| No Exchange | Exchange Ones | Exchange Tens |
|---|---|---|
| | | |

427 + 143      356 + 28      356 + 82

234 + 105      782 + 133      801 + 147

# Subtracting 3-Digit Numbers from 3-Digit Numbers - With Exchanging

LO: to use column subtraction

Calculate the answer to the following:

| 451 | 840 | 472 | 481 |
|---|---|---|---|
| − 218 | − 525 | − 238 | − 323 |
| ____ | ____ | ____ | ____ |

| 690 | 726 | 427 | 519 |
|---|---|---|---|
| − 526 | − 419 | − 233 | − 450 |
| ____ | ____ | ____ | ____ |

| 353 | 627 | 622 | 951 |
|---|---|---|---|
| − 136 | − 258 | − 394 | − 652 |
| ____ | ____ | ____ | ____ |

**Challenge: Complete the following calculations:**

| 73_ | _70 | _01 |
|---|---|---|
| − 4_7 | − 29_ | − 4_8 |
| _81 | 1_6 | 33_ |

Year 4

# Adding and Subtracting 4-Digit Numbers

LO: I can add and subtract 4-digit numbers.

1
$$\begin{array}{r} 7017 \\ -5004 \\ \hline \end{array}$$

2
$$\begin{array}{r} 6246 \\ +2153 \\ \hline \end{array}$$

3
$$\begin{array}{r} 5058 \\ -2041 \\ \hline \end{array}$$

4
$$\begin{array}{r} 1314 \\ +8452 \\ \hline \end{array}$$

5
$$\begin{array}{r} 6558 \\ -2323 \\ \hline \end{array}$$

6
$$\begin{array}{r} 2302 \\ +5371 \\ \hline \end{array}$$

7
$$\begin{array}{r} 7969 \\ -4623 \\ \hline \end{array}$$

8
$$\begin{array}{r} 7262 \\ +1722 \\ \hline \end{array}$$

9
$$\begin{array}{r} 6492 \\ -5151 \\ \hline \end{array}$$

10
$$\begin{array}{r} 7140 \\ +1022 \\ \hline \end{array}$$

11
$$\begin{array}{r} 9862 \\ -3241 \\ \hline \end{array}$$

12
$$\begin{array}{r} 6521 \\ +3204 \\ \hline \end{array}$$

13
$$\begin{array}{r} 4716 \\ -3501 \\ \hline \end{array}$$

14
$$\begin{array}{r} 5159 \\ +4840 \\ \hline \end{array}$$

15
$$\begin{array}{r} 8290 \\ -4070 \\ \hline \end{array}$$

16
$$\begin{array}{r} 6281 \\ +1208 \\ \hline \end{array}$$

**Challenge:**

1
$$\begin{array}{r} 82\_3 \\ -\ \_12\_ \\ \hline 4\_20 \end{array}$$

2
$$\begin{array}{r} 5\_44 \\ +\ \_0\_1 \\ \hline 997\_ \end{array}$$

3
$$\begin{array}{r} 9\_64 \\ -\ 63\_\_ \\ \hline \_241 \end{array}$$

4
$$\begin{array}{r} 6\_5\_ \\ +\ \_302 \\ \hline 78\_5 \end{array}$$

# Money Word Problems

LO: I can solve word problems involving money.

1. Janet buys a pen for 14p and a rubber for 12p. How much does she spend?

2. Alex gives his friend 15p. He is left with 10p. How much did he have to begin with?

3. Hamed buys an apple for 16p. He pays with a 20p coin. How much change does he receive?

4. Tomas is given 20p by a friend. He had 13p already. How much does he have now?

5. Alma has three 10p coins. She buys a bottle of water for 18p. How much money will she have left?

6. Nura has four coins. She has 12p. What coins must she have?

7. Ian spends 23p on a packet of crisps. He gets 17p change. How much did he give to the shopkeeper?

# Money Word Problems

LO: I can solve word problems involving money.

1. Janet buys 2 pens for 34p each and a rubber for 22p. How much does she spend?

2. Alex gives one friend 35p and the other 45p. He is left with 40p. How much did he have to begin with?

3. Hamed buys some apples for 76p and pears for 49p. He pays with a £2 coin. How much change does he receive?

4. Tomas is given 65p by a friend. He now has £1.08. How much did he have before his friend gave him some money?

5. Alma has three 50p coins. She buys two bottles of water for 62p each. How much money will she have left?

6. Nura has four coins. She has 77p. What coins must she have?

7. Ian spends 43p on a packet of crisps and £1.08 on a drink. He gets 19p change. He gives the shopkeeper 3 coins. What were the coins?

# Maths FLIP

Year 3: https://vimeo.com/804235586
Year 4: https://vimeo.com/804260899