# Add and subtract decimals

**1** Use the place value charts to complete the additions.

**a)**



| T | O | Tth | Hth |
|---|---|-----|-----|

|   | 1 | 2 | . | 3 | 5 |
|---|---|---|---|---|---|
| + |   | 4 | . | 1 | 2 |
|   |   |   | . |   |   |

**b)**



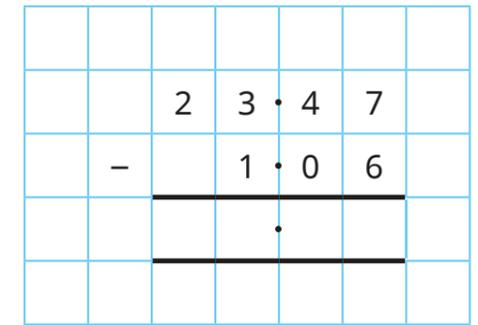| T | O | Tth | Hth |
|---|---|-----|-----|

|   | 3 | 1 | . | 0 | 5 |
|---|---|---|---|---|---|
| + |   | 2 | . | 3 | 1 |
|   |   |   | . |   |   |

**2** Use the place value charts to complete the subtractions.

**a)**



| T | O | Tth | Hth |
|---|---|-----|-----|

|   | 1 | 8 | . | 6 | 2 |
|---|---|---|---|---|---|
| − |   | 4 | . | 3 | 1 |
|   |   |   | . |   |   |

**b)**



| T | O | Tth | Hth |
|---|---|-----|-----|

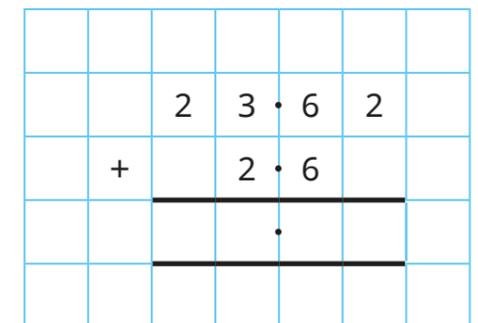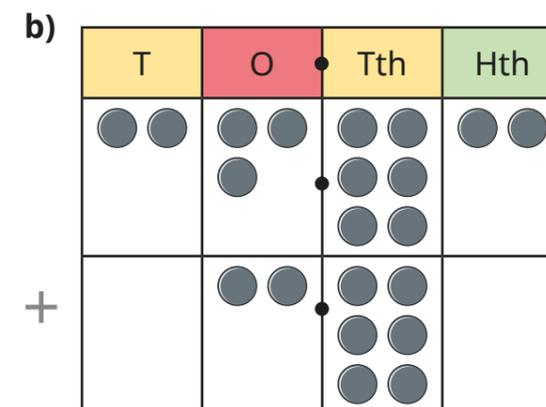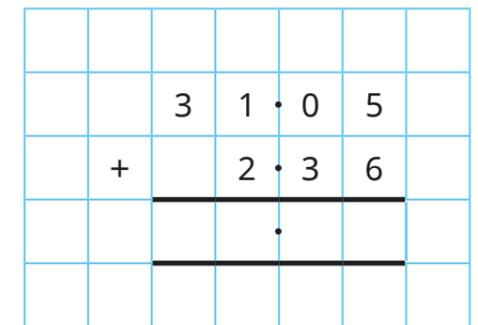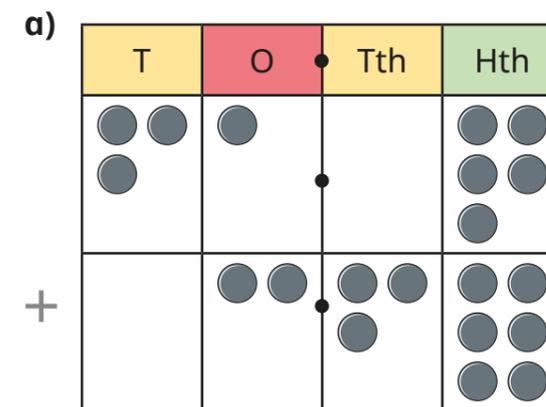|   | 2 | 3 | . | 4 | 7 |
|---|---|---|---|---|---|
| − |   | 1 | . | 0 | 6 |
|   |   |   | . |   |   |
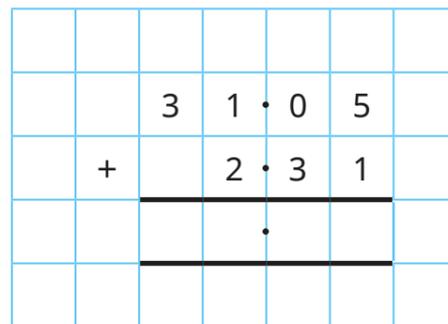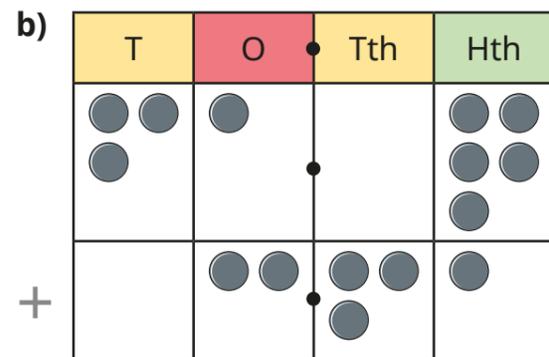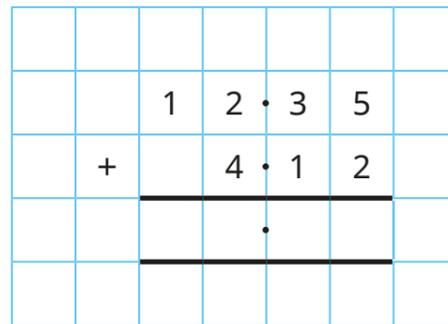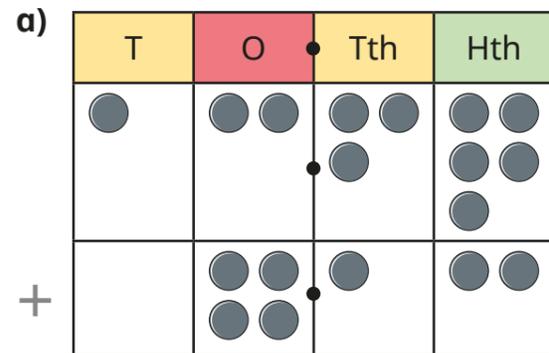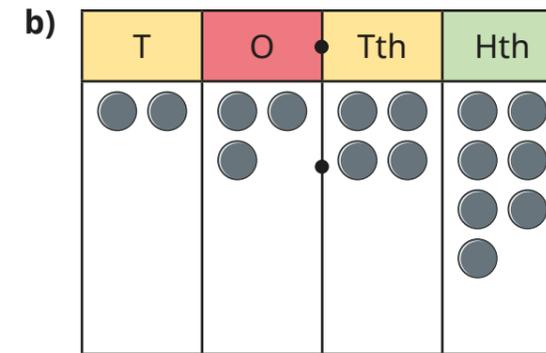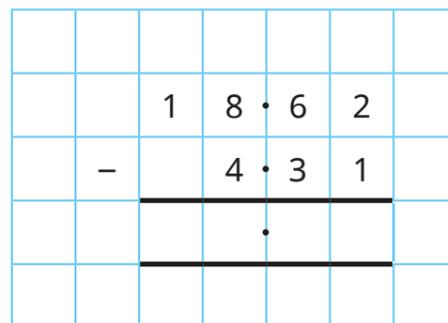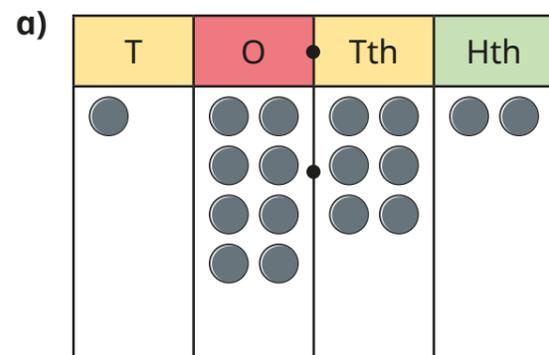
**3** Complete the sentences.
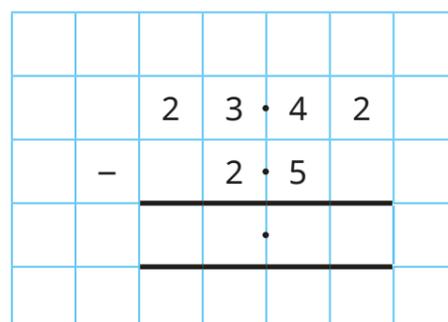
10 hundredths can be exchanged for 1 _____

10 tenths can be exchanged for 1 _____

10 ones can be exchanged for 1 _____

**4** Use the place value charts to complete the additions.

**a)**



| T | O | Tth | Hth |
|---|---|-----|-----|

|   | 3 | 1 | . | 0 | 5 |
|---|---|---|---|---|---|
| + |   | 2 | . | 3 | 6 |
|   |   |   | . |   |   |

**b)**



| T | O | Tth | Hth |
|---|---|-----|-----|

|   | 2 | 3 | . | 6 | 2 |
|---|---|---|---|---|---|
| + |   | 2 | . | 6 |   |
|   |   |   | . |   |   |

**5** Use the place value charts to complete the subtractions.

**a)**

| T | O | • Tth | Hth |
|---|---|---|---|

|   |   | 2 | 3 | • | 4 | 2 |
|---|---|---|---|---|---|---|
| − |   |   | 1 | • | 0 | 6 |
|   |   |   |   | • |   |   |

**b)**

| T | O | • Tth | Hth |
|---|---|---|---|

|   |   | 2 | 3 | • | 4 | 2 |
|---|---|---|---|---|---|---|
| − |   |   |   | 2 | • | 5 |
|   |   |   |   | • |   |   |
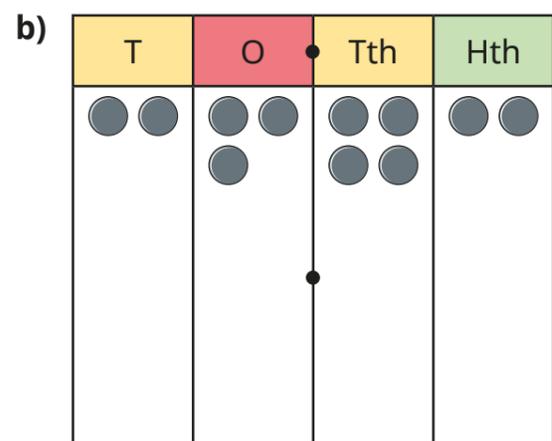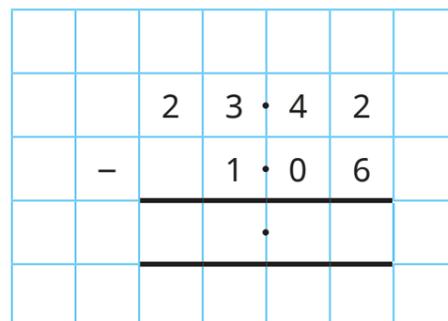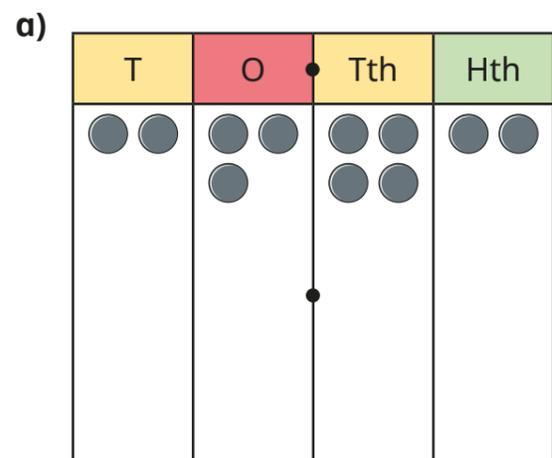
**6** Tiny has worked out 11.84 − 5.3

|   | 1 | 1 | 8 | • | 4 |
|---|---|---|---|---|---|
| − |   |   | 5 | • | 3 |
|   | 1 | 1 | 3 | • | 1 |
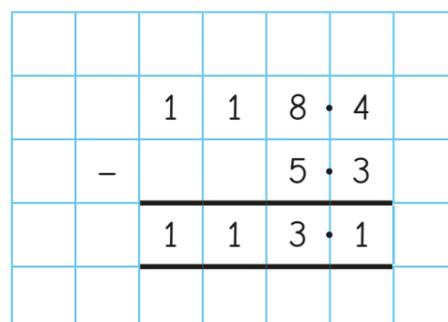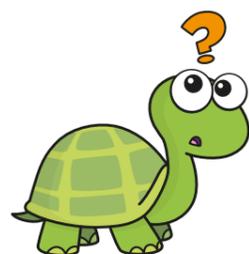
**a)** What mistake has Tiny made?

**b)** What is the correct answer?

**7** Complete the calculations.
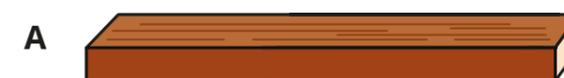
**a)** 12.25 + 3.09 = ☐       **d)** 2.3 + 8.712 = ☐

**b)** 12.25 − 3.09 = ☐       **e)** ☐ = 8.712 − 1.9

**c)** 1.825 + 4.67 = ☐       **f)** ☐ = 13.807 − 7.08

**8** Here are three planks of wood.

**A**

**B**

**C**

- Plank A is 0.56 m long.
- The length of plank B is double the length of plank A.
- Plank C is 0.145 m shorter than plank B.

What is the total length of all three planks?

☐ m