Homework/Extension
Step 6: Subtracting – Same Decimal Places

National Curriculum Objectives:

Mathematics Year 5: (5F10) Solve problems involving numbers up to three decimal places
Mathematics Year 5: (5M9a) Use all four operations to solve problems involving measure (for example length, mass, volume, money) using decimal notation including scaling

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Tick the calculations which are correct and change those which are not in 4 calculations subtracting numbers with up to two decimal places; no exchanges.
Expected Tick the calculations which are correct and change those which are not in 4 calculations subtracting numbers with up to two decimal places; with single exchanges.
Greater Depth Tick the calculations which are correct and change those which are not in 4 calculations subtracting numbers with up to two decimal places; with multiple exchanges.

Questions 2, 5 and 8 (Varied Fluency)
Developing Use the digit cards to fill in the missing numbers in two column subtractions involving numbers with up to two decimal places; no exchanges.
Expected Use the digit cards to fill in the missing numbers in two column subtractions involving numbers with up to two decimal places; with single exchanges.
Greater Depth Use the digit cards to fill in the missing numbers in two column subtractions involving numbers with up to two decimal places; with multiple exchanges.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Use subtraction to find the missing numbers in 5 part whole models involving numbers with up to two decimal places; no exchanges. Use the answers to crack a code.
Expected Use subtraction to find the missing numbers in 5 part whole models numbers with up to two decimal places; with single exchanges. Use the answers to crack a code.
Greater Depth Use subtraction to find the missing numbers in 5 part whole models involving numbers with up to two decimal places; with multiple exchanges. Use the answers to crack a code.

More Year 5 Decimals resources.

Did you like this resource? Don't forget to review it on our website.

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Subtracting – Same Decimal Places

1. Mark the calculations by ticking those that are right and correcting those that are wrong.

A.   5.95 – 3.22 = 2.73   ☐

B.   6.93 – 1.32 = 5.61   ☐

C.   2.9   – 1.8   = 1.11   ☐

D.   41.7 – 11.2 = 3.05   ☐

VF
HW/Ext

2. Use the cards to complete the missing numbers in these calculations.

```
    9 . 9  4              3 . ☐  8
  - ☐ . ☐  1            - ☐ . 2  7
  _____          _____
    7 . 1 ☐              2 . ☐  1
  _____          _____
```

☐ **1**   ☐ **2**   ☐ **3**   ☐ **3**   ☐ **5**   ☐ **8**

VF
HW/Ext

3. Calculate the missing number on the part whole models to crack the code and find the word.

Green: 3.26 — 1.21, C

Yellow: P — 26.9, 14.1

Orange: L — 41.3, 30.1

Blue: S, 1.31 — 2.69

Purple: 9.36 — A, 4.21
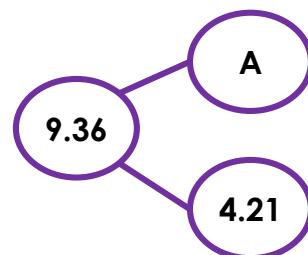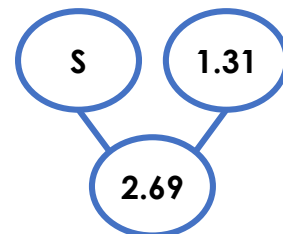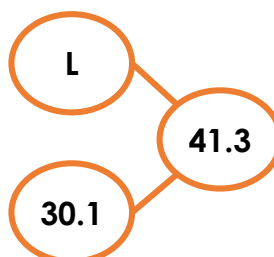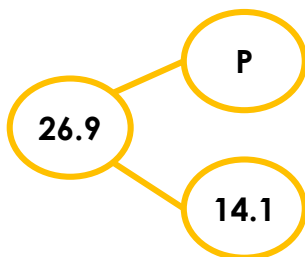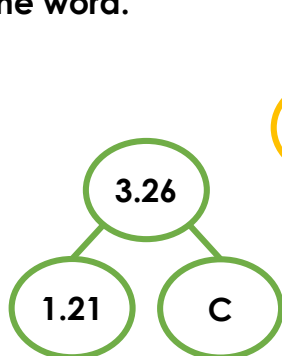
2.05   11.2   5.15   12.8   1.38

☐   ☐   ☐   ☐   ☐

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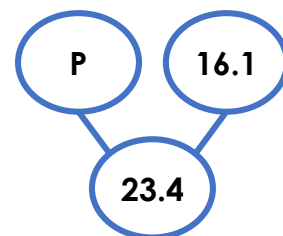
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Homework/Extension – Subtracting – Same Decimal Places – Year 5 Developing

Subtracting – Same Decimal Places

4. Mark the calculations by ticking those that are right and correcting those that are wrong.

A.   3.72 – 1.27 = 2.55   ☐

B.   79.3 – 15.9 = 63.4   ☐

C.   7.1 – 6.2 = 1.9   ☐

D.   12.82 – 8.22 = 4.6   ☐

5. Use the cards to complete the missing numbers in these calculations.

```
   6 . ☐ ☐          3 . ☐ 4
 – 1 . 0 9        – 3 . 0 ☐
 ─────────        ─────────
   ☐ . 3 2          ☐ . 8 8
```

☐ 0 ☐ 1 ☐ 4 ☐ 5 ☐ 6 ☐ 9 ☐

6. Calculate the missing number on the part whole models to crack the code and find the word.

Green: 2.11 → 1.91, S

Yellow: 7.31 → E, 5.09

Orange: A → 4.66, 1.81

Blue: P, 16.1 → 23.4

Purple: 36.2 → R, 28.1

0.2   7.3   2.22   2.85   8.1

☐ ☐ ☐ ☐ ☐

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Homework/Extension – Subtracting – Same Decimal Places – Year 5 Expected
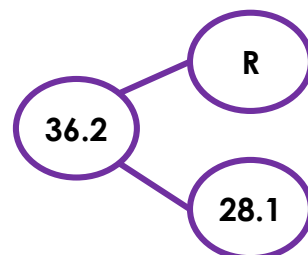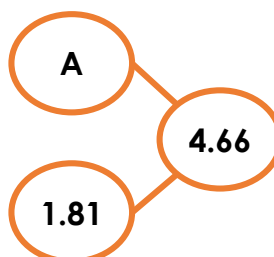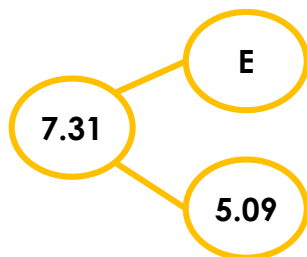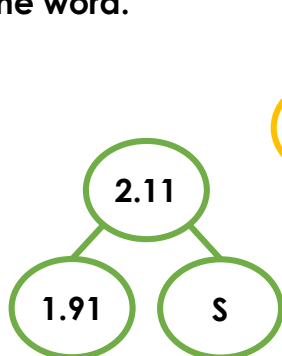
Subtracting – Same Decimal Places

7. Mark the calculations by ticking those that are right and correcting those that are wrong.

A. 8.16 – 1.87 = 6.39 ☐

B. 3.26 – 1.29 = 2.97 ☐

C. 15.7 – 7.9 = 7.8 ☐

D. 6.05 – 3.99 = 2.06 ☐

8. Use the cards to complete the missing numbers in these calculations.

```
    6 . 7 ☐              ☐ . 0 3
  - ☐ . 7 9            - 2 . ☐ 7
  _____          _____
    3 . ☐ 4              ☐ . 4 6
```

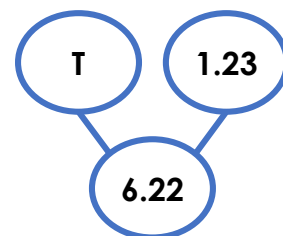| 2 | 2 | 3 | 5 | 5 | 9 |

6. Calculate the missing number on the part whole models to crack the code and find the word.

O — 5.38, 2.89

N — 2.04, 1.97

S — 8.01, 5.88

T — 1.23, 6.22

E — 41.8, 18.9

2.49   0.07   2.13   22.9   4.99

☐ ☐ ☐ ☐ ☐

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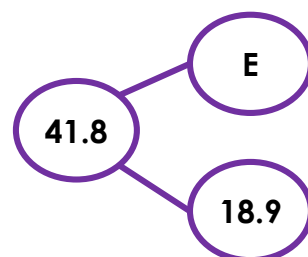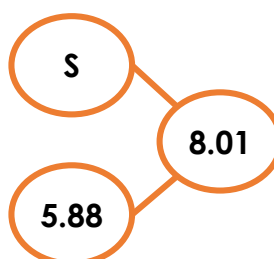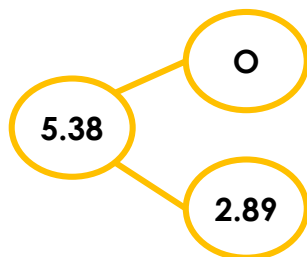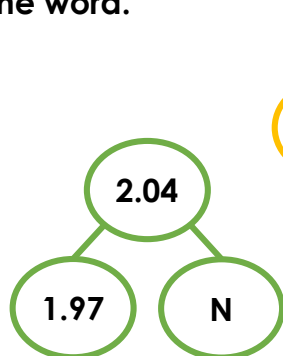
Homework/Extension – Subtracting – Same Decimal Places – Year 5 Greater Depth

Developing
1. A is correct, B is correct, C should be 1.1, D should be 30.5.
2. 9.94 – 2.81 = 7.13, 3.58 – 1.27 = 2.31
3. claps

Expected
4. A should be 2.45, B is correct, C should be 0.9, D is correct.
5. 6.41 – 1.09 = 5.32; 3.94 – 3.06 = 0.88
6. spear

Greater Depth
7. A should be 6.29, B should be 1.97, C is correct, D is correct.
8. 6.73 – 2.79 = 3.94, 5.03 – 2.57 = 2.46
9. onset