

WALT add decimals with up to three decimal places.

Complete as much as you can - stop if it gets too tricky for you. 😊

- 1) Use the place value chart to help you complete the calculation.



| Ones | tenths | hundredths |
|------|--------|------------|
| | | |
| | | |

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

- 2) Use the column method to solve these calculations.

a)

| | | | | |
|---|---|---|---|---|
| | 7 | . | 5 | 2 |
| + | 1 | . | 2 | 9 |
| | | . | | |

b)

| | | | | | |
|---|---|---|---|---|---|
| | 6 | 5 | . | 8 | 3 |
| + | 3 | 1 | . | 4 | 5 |
| | | | . | | |

- 3) Tanya climbed 2.68m and then 3.25m more. How high did she climb in total?

2)

- 1) Ravi has used place value counters to calculate the total length of two rooms in his school.



| Ones | tenths | hundredths |
|------|--------|------------|
| | | |
| | | |

There are 5 ones altogether, so the total length must be between 5m and 5.99m.



Do you agree with Ravi or not? Explain your reasons.

- 2) Frances has been practising column addition using decimals. She has made some mistakes. Can you explain each error and correct her calculations?

| | | | | | |
|---|---|---|---|---|---|
| | 4 | 2 | . | 6 | 5 |
| + | 3 | . | 3 | 2 | |
| | 7 | . | 3 | 8 | 5 |

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

3)

- 1) Tarj has written part of an addition calculation.



Who is correct, David or Tarj?

| | | | | |
|---|---|---|---|---|
| | 2 | . | 4 | ★ |
| + | 4 | . | ★ | 2 |
| | ★ | . | 0 | 9 |

There is only one possible way to fill this in correctly.

I disagree.



David



Tarj

- 2) Each letter represents a different number. Can you work out what the letters represent to make the addition calculation work? Can you find three different solutions?

| | | | | |
|---|---|---|---|---|
| | H | . | A | T |
| + | K | . | S | T |
| | T | . | A | R |