1 Each hundred square represents one whole.
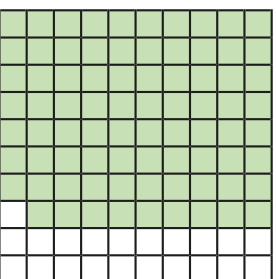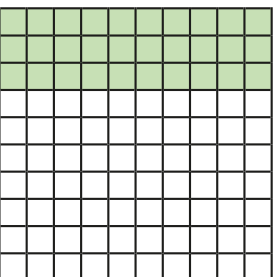
Use the hundred squares to help you complete the additions.

a) 0.3 + | 0.7 | = 1
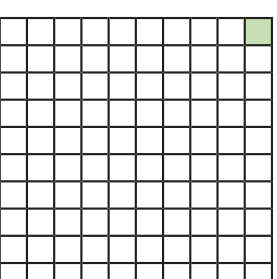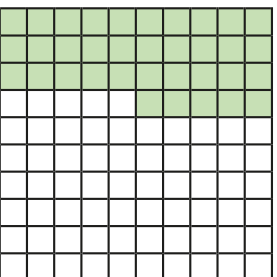
b) 0.35 + | 0.65 | = 1

c) 1 = | 0.21 | + 0.79
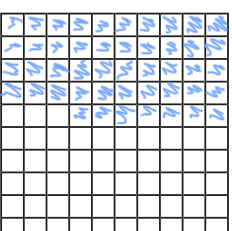
d) | 0.99 | + 0.01 = 1

2 Complete the calculations.

Shade the hundred squares to help you.

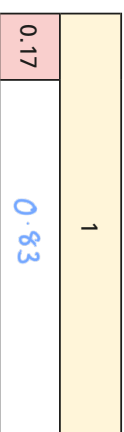**a)** 1 = 0.47 + | 0.53 |

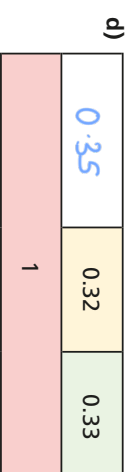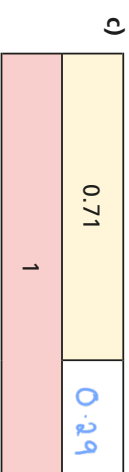**b)** 0.02 + 0.2 + | 0.78 | = 1

3 Complete the bar models.

a)

| 1 |
| 0.17 | 0.83 |

b)

| 1 |
| 0.49 | 0.51 |

c)

| 1 |
| 0.71 | 0.29 |

d)

| 1 |
| 0.35 | 0.32 | 0.33 |

4 Teddy has these counters.

He wants to exchange these for as many 1s counters as possible.

How many 1s counters can he collect?
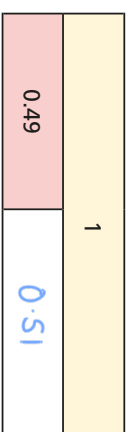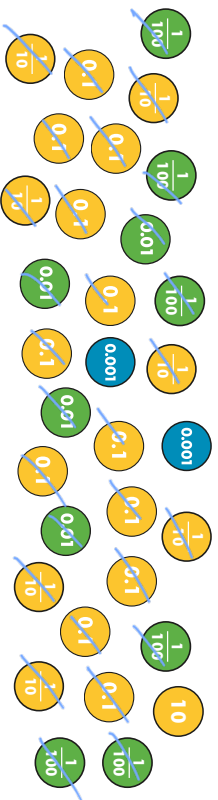
19 tenths
10 hundredths (1 tenth) } 2 ones
1 ten ← ten ones

12

5 Complete the additions.

0.054 + [0.046] = 0.1

0.54 + [0.46] = 1

5.4 + [4.6] = 10

54 + [46] = 100

What is the same and what is different about your answers?

6 Complete the sentences.

a) 6 tenths + [4] tenths = 1 whole

b) 23 hundredths + [77] hundredths = 1 whole

e.g. c) 2 tenths + [0] hundredths + [8] tenths = 1 whole

7 Match the pairs of decimals that add together to make 1 whole.

| 0.12 | 0.21 | 0.212 | 0.012 | 0.222 |

| 0.988 | 0.79 | 0.778 | 0.788 | 0.88 |
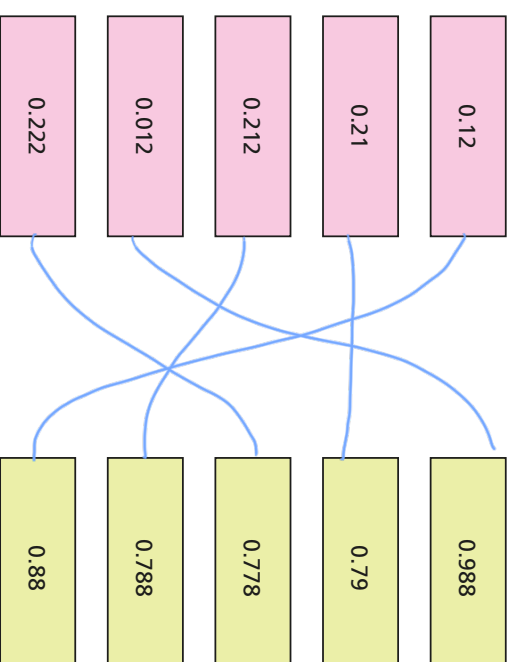
8 Mo has completed these calculations.

a) 0.22 + 0.88 = 1
b) 0.39 + 0.71 = 1
c) 0.677 + 0.433 = 1

He has got them all incorrect.
What mistake has Mo made?

He has used number bonds to 10 in every column.

Correct Mo's calculations.

a) 0.22 + [0.78] = 1

b) 0.39 + [0.61] = 1

c) 0.677 + [0.323] = 1