1) a) shaded = **36** hundredths = $\frac{36}{100}$
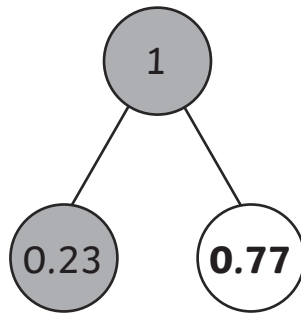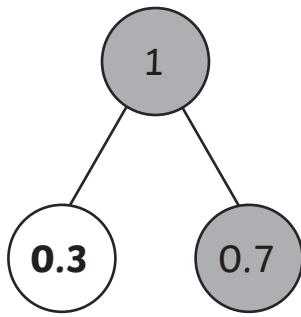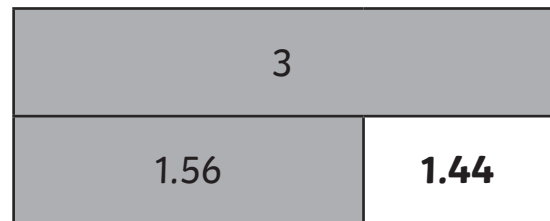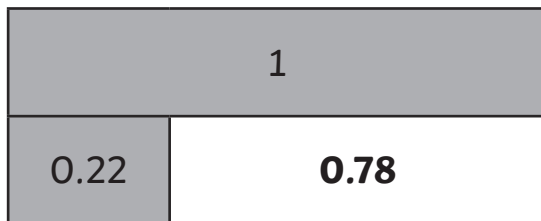
not shaded = **64** hundredths = $\frac{64}{100}$

$\frac{36}{100}$ + $\frac{64}{100}$ = 1 whole

0.36 + **0.64** = 1

b) shaded = **52** hundredths = $\frac{52}{100}$

not shaded = **48** hundredths = $\frac{48}{100}$
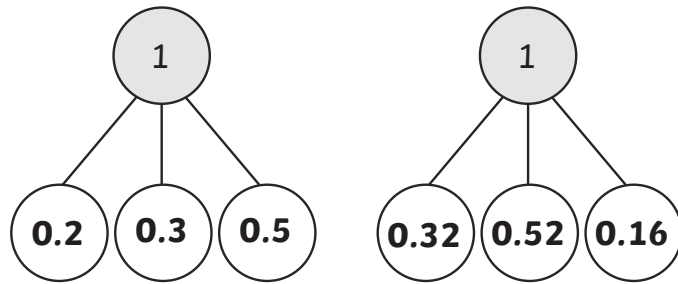
$\frac{52}{100}$ + $\frac{48}{100}$ = 1 whole
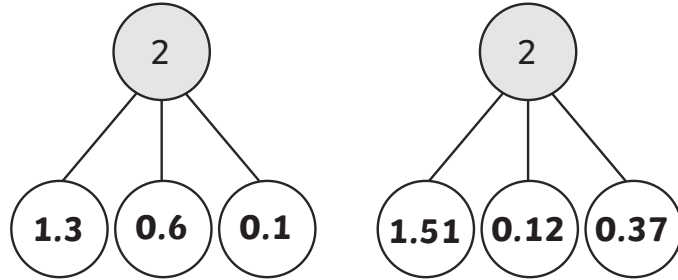
0.52 + **0.48** = 1

2)

Tree 1: 1 → **0.3**, 0.7

Tree 2: 1 → 0.23, **0.77**

Tree 3: 2 → **1.68**, 0.32

3)

1	
0.22	**0.78**

3	
1.56	**1.44**

1) a) Multiple possible answers, including:

```
        1                          1
   0.2  0.3  0.5          0.32  0.52  0.16
```
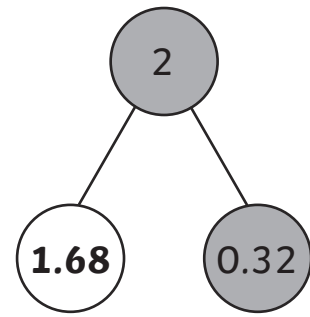
b) Multiple possible answers, including:

```
        2                          2
   1.3  0.6  0.1          1.51  0.12  0.37
```

2) a) Incorrect. Statement such as 'I need to add 0.84 to 0.16 to make a whole.'

b) Correct.

3) No. £1.35 and £0.25 makes £1.60. This means there is only £0.40 left from £2. There is not enough money to buy the ruler costing £0.45.

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1) Multiple answers possible:
For example:

a) 0.45m + 0.55m = 1m
b) 0.45m + 0.15m + 0.15m + 0.25m = 1m
c) 0.65m + 0.65m + 0.15m + 0.55m = 2m
d) 0.45m + 0.55m + 0.35 + 0.65m = 2m

2) 0.27kg + 0.27kg + 0.27kg = 0.81kg

Yes there is enough flour to bake 3 pies.

1kg – 0.81kg = 0.19kg

There will be 0.19kg left.