1) George has been given a 3m ball of string.
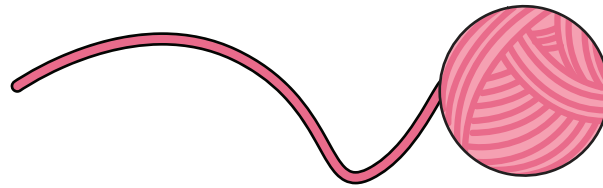
He cuts off $\frac{1}{2}$ a metre.

How much string does he have left?

---

2) Complete these subtraction calculations.

a) | 3m | - | 45cm | = | m   cm |

b) | 20cm | - | 5mm | = | mm |

c) | 14cm | - | 9mm | = | mm |

d) | 1m 9cm | - | cm | = | 87cm |

Subtract lengths
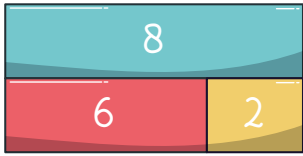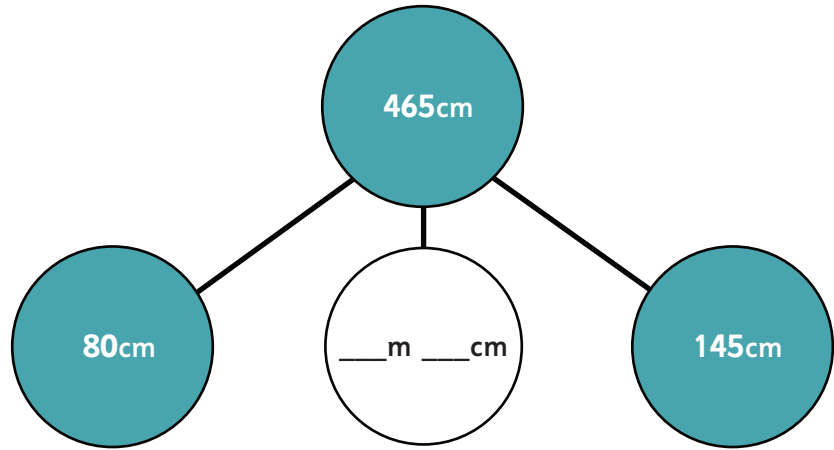
8	
6	2

Pictorial

E

3) Complete the models below.

465cm
80cm
____m ____cm
145cm

3m 12cm		
1m	90cm	____m ____cm

Subtract lengths

$1T = \frac{1N}{C(m/s)} = \frac{1N}{Am}$

Problem solving

E

4) Vanessa is having her hair cut.

Her hair is currently 1m 3cm long.

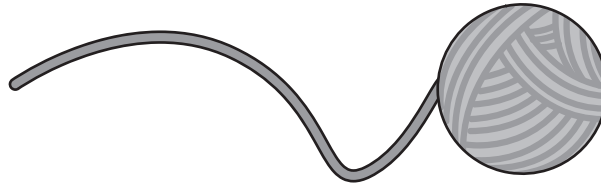She is having 300mm cut off.

How long will her hair be in cm?

Vanessa

cm

5) Becky buys 2m of ribbon.

She is making bows for wrapping presents.

Each bow uses 10cm of ribbon.

What is the total number of ribbons she can make?

6) Jamie is cutting some wood to make himself a table.

He starts off with a 4m plank of wood.

He makes 3 cuts.

His plank of wood is now 2m 80cm long.

Find at least five different ways that he could have made his three cuts.

One has been done for you.

_____**80**cm_____, _____**20**cm_____, _____**20**cm_____

_____, _____, _____

_____, _____, _____

_____, _____, _____

_____, _____, _____

Subtract lengths

1) George has been given a 3m ball of string.

He cuts off $\frac{1}{2}$ a metre.

How much string does he have left?

250cm

Subtract lengths

2) Complete these subtraction calculations.

a)   3m   -   45cm   =   **2** m **55** cm

b)   20cm   -   5mm   =   **195** mm

c)   14cm   -   9mm   =   **131** mm

d)   1m 9cm   -   **22** cm   =   87cm
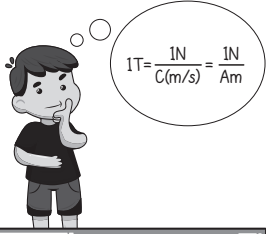
3) Complete the models below.

465cm

80cm   _2_ m _40_ cm   145cm

3m 12cm		
1m	90cm	_1_ m _22_ cm

4) Vanessa is having her hair cut.

Her hair is currently 1m 3cm long.

She is having 300mm cut off.

How long will her hair be in cm?

Vanessa

73 cm

5) Becky buys 2m of ribbon.

She is making bows for wrapping presents.

Each bow uses 10cm of ribbon.

What is the total number of ribbons she can make?

2m = 200cm

200 ÷ 10 = 20

20

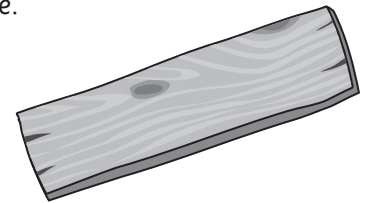**6)** Jamie is cutting some wood to make himself a table.

He starts off with a 4m plank of wood.

He makes 3 cuts.

His plank of wood is now 2m 80cm long.

Find at least five different ways that he could have made his three cuts.

One has been done for you.

Any three measurements that add up to total **1m 20**cm / **120**cm.

80cm	**20**cm	**20**cm
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____