

Bar Models Worksheet 1

1/ $A+B+C= 66$

A is four times B and B is double C.

What is the value of A?

What is the value of B?

What is the value of C?

2/ Emily's dad is 3 times older than Emily was 3 years ago.

Emily's dad is 27 how old is Emily?

3/ Jim buys a pair of shoes a bike and a coat. The shoes are half the price of the coat and the bike is £20 more than the coat. Altogether the three items cost £195.

How much are the shoes?

How much is the coat?

How much is the bike?

4/ Pens are 10 pence each. Pencils are 5 pence each. Clive has double the amount of pencils as pens. He spent £160 On his pencils and pens. How many of each did he get?

Bar Models Worksheet 1

1/ $A+B+C= 66$

A is four times B and B is double C.

What is the value of A? **48**

What is the value of B? **12**

What is the value of C? **6**

2/ Emily's dad is 3 times older than Emily was 3 years ago.

Emily's dad is 27 how old is Emily? **12 years old**

3/ Jim buys a pair of shoes a bike and a coat. The shoes are half the price of the coat and the bike is £20 more than the coat. Altogether the three items cost £195.

How much are the shoes? **£35**

How much is the coat? **£70**

How much is the bike? **£90**

4/ Pens are 10 pence each. Pencils are 5 pence each. Clive has double the amount of pencils as pens. He spent £160 On his pencils and pens. How many of each did he get? **Pens 8** **pencils 16**