

1)  $73 + 73.2 + 73.38 =$

2)  $46 \times 0.5 =$

3)  $4.8 \times 100 =$

4)  $390 \div 5 =$

5)  $40,090 - 36,738 =$

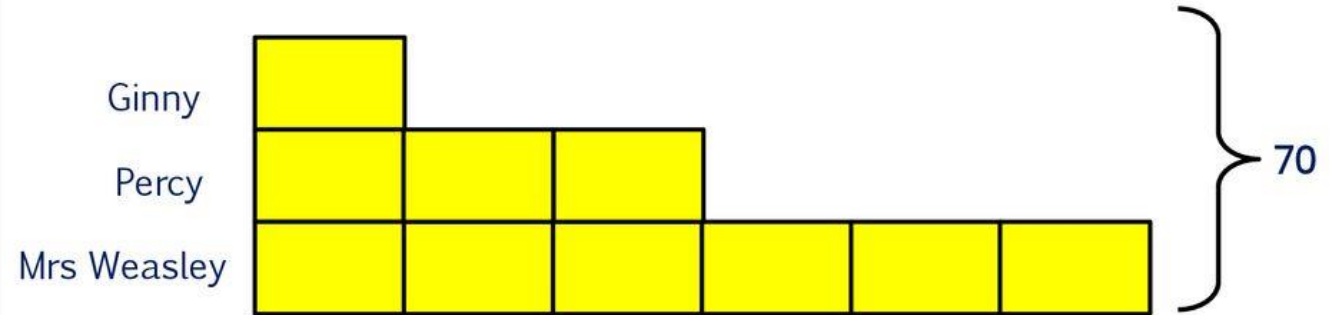
6)  $63 \times 231 =$

7)  $4/5 = \underline{\quad}/55$

8)  $6/7 \times 2 =$

Using the bar model to solve word problems

Mrs Weasley is twice as old as her son Percy, who is three times as old as his sister, Ginny. If their total age is 70 years, How old is Percy?



How can you use this to solve the problem?

Why was Ginny's block drawn first?



1)  $73 + 73.2 + 73.38 = 219.58$

2)  $46 \times 0.5 = 23$

3)  $4.8 \times 100 = 480$

4)  $390 \div 5 = 78$

5)  $40,090 - 36,738 = 3352$

6)  $63 \times 231 = 14553$

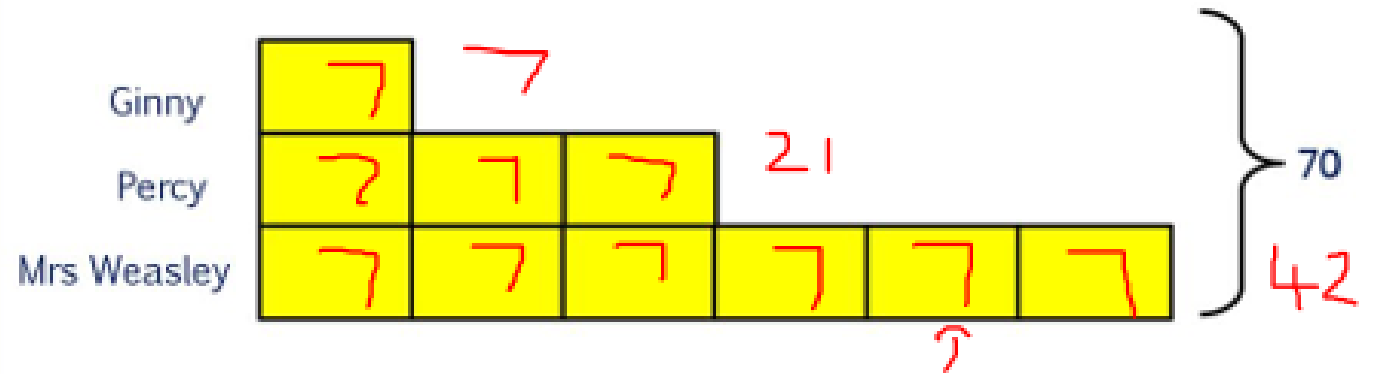
7)  $4/5 = \underline{44}/55$

8)  $6/7 \times 2 = 12/7$  or 1 and  $5/7$

Using the bar model to solve word problems

Mrs Weasley is twice as old as her son Percy, who is three times as old as his sister, Ginny. If their total age is 70 years, How old is Percy?

$70 \div 10 = 7$



How can you use this to solve the problem?

Why was Ginny's block drawn first? It is a base block. (all comparisons can be made from it.)

