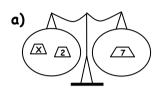
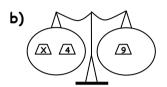
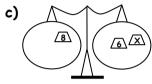
## Balancing the Scales

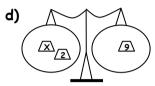
## TASK 1

1) Work the value of the X weight on each of the scales below.







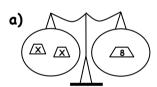


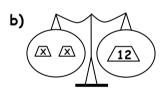
2) Now solve these written equations showing your working out.

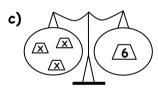
a) 
$$X + 4 = 6$$

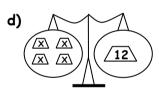
**d)** 
$$6 + X = 15$$

3) Work out the value on an X on each of these sets of scales.









4) Now solve these written equations showing your working out.

## TASK 2

Show the following equations as a set of scales. Then solve them.

a) 
$$X + 9 = 21$$

## TASK 3

Solve the following equations showing your working out.

d) 
$$X \div 4 = 5$$

c) 
$$X \div Z = 7$$

d) 
$$X \div 4 = 5$$
  
d)  $X \div 9 = 5$