Graphing and Equations

a) **Graph each on the accompanying number line.**

| -9 | -8 | -7 | -6 | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

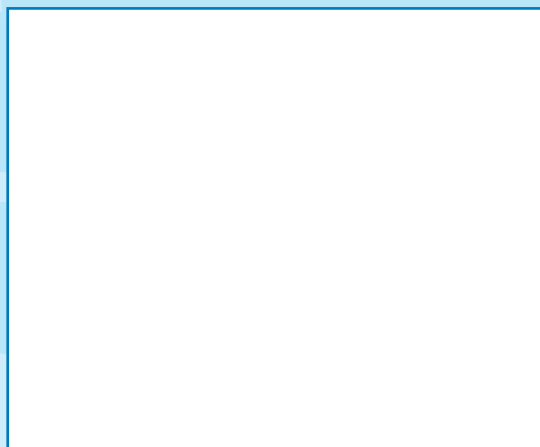| -9 | -8 | -7 | -6 | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

b) **Round each of the following numbers to the nearest hundred.**

= x   = 1
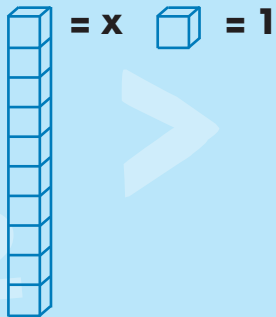
c) **How might the following be written as an equation?**

=
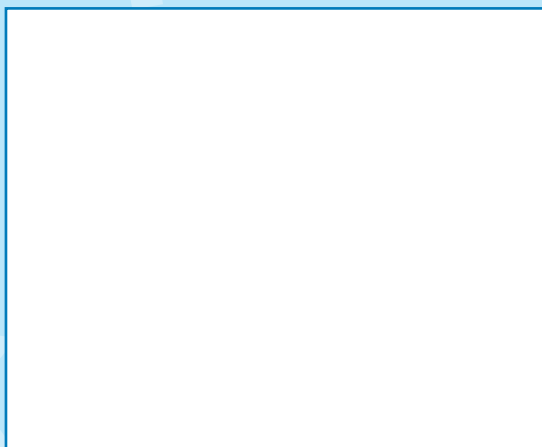
Equations, Ordering and Averages

a) Solve the following equations if x =

i)

ii)

b) Order is very important in completing algebra problems. For instance:
- **Always do what's in the brackets first**
- **Multiplying and dividing come before adding and subtracting**

Solve the following equations.

i)

ii)

c) Examine the input-output table shown below.

Input	Output

Which rule describes the data?

d) Calculate the average from these five numbers.

Average: _____

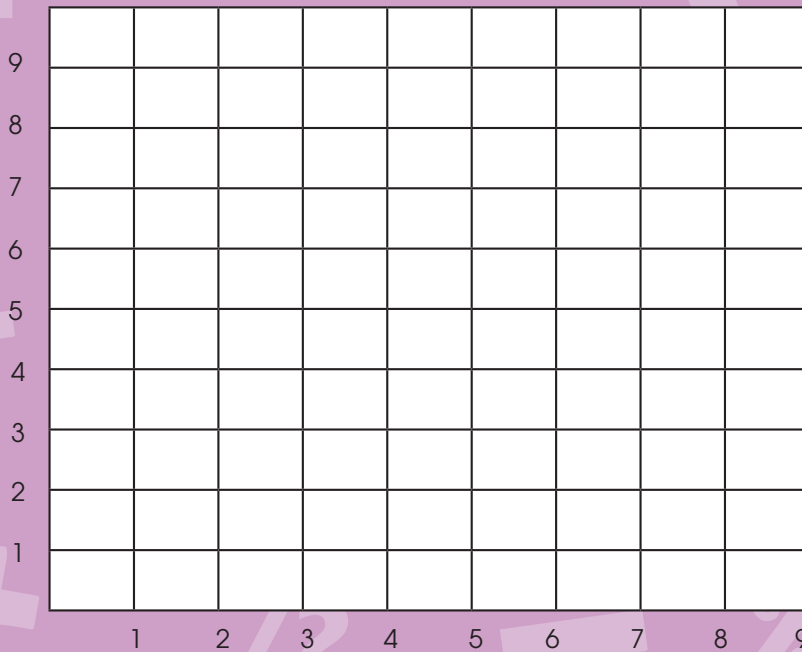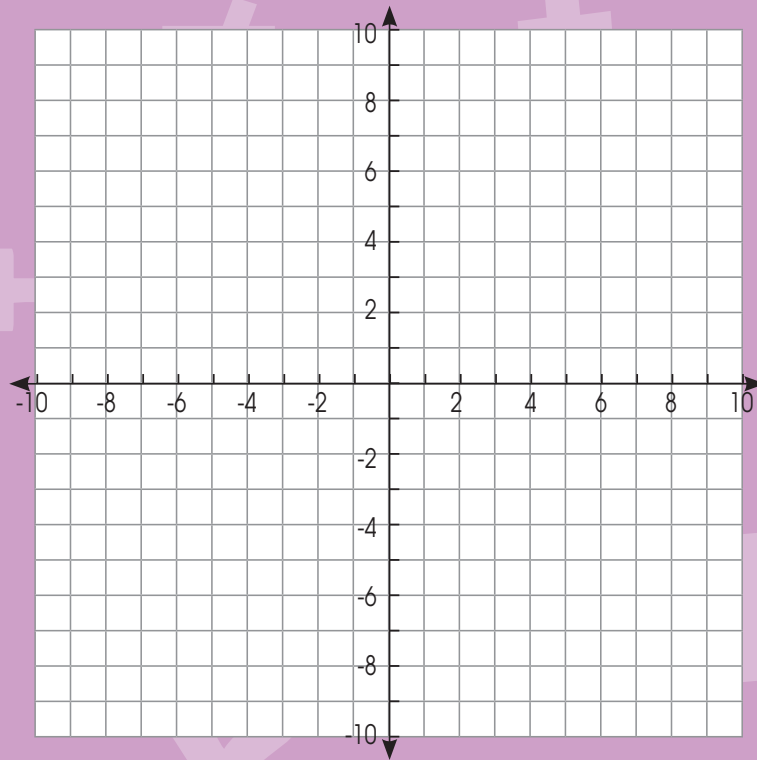# Plotting and Coordinates

a) **Plot the following coordinates on the accompanying grid:**

A =

B =

C =

D =

b) **Plot the coordinates for the four objects indicated.**

1 =

2 =

3 =

4 =