Proportional Reasoning: Book Two, Levels 3+-4

## **Family Likeness**



its Roman numeral as in this example:b. Name (as an ordered pair) one other point that belongs to each set.

edges of the grid and label it with

c. Decide if (0,0) belongs to that set.

Drawing and interpreting graphs of linear relationships

For each set, find a rule (the family likeness) that you can use to check if other 2. points also belong to it. (12.7 (8,3 (6,1) If you take 5 off the first number ... ... you get the second number! These points lie outside the boundary of the graph you have drawn, but each belongs 3. with one of the seven sets in question 1. Use the rules you worked out in question 2 to decide which point belongs with which set. (17,14 (14,17) 18.6 11.23 (13,15) 20,10 (14,2) Create two of your own sets of ordered pairs. (0,0) must belong to one of your sets. 4. Double and take 1. (4,7) (2,3)(3,5) (17,14 20,10) 3,1 (5,1