Recognising graphs

You should have a set of laminated graph cards A to H.

Find the gradient, intercept and formula for each graph

Graph	Value of gradient	Intercept	Formula
A			
B			
C			
D			
E			
F			
G			
H			

Answer these questions about the graphs...

1) Which graphs have positive gradients and negative intercepts?

2) Which graphs have lines that are parallel to each other? List their letters, what do you notice about the gradients?

*3) Find a pair of graphs where the lines are at right angles to each other. Write down the gradients of these lines and multiply the gradient numbers together. What is the result?

4) Which graph passes through the point (2,3) with a positive gradient?

5) Which is the graph with the steepest slope?

6) Which graph has the gentlest slope?