

BE-PRECALC | WEDNESDAY 9-9-09

ACT
KMS
6/09

① For what value of a would the following system of Equations have an infinite number of solutions?

$$2x - y = 8$$

$$6x - 3y = 4a$$

① To have ∞ number of solutions, they must be same line $\Rightarrow$ multiply the 1st line by 3 $\Rightarrow 3 \cdot 8 = 4a$

$$\boxed{6 = a}$$

• Homework Review $\Rightarrow$ Pg 71 # 15-16-18-19-22-25-26

⑮ $\boxed{(4, -3)}$ ⑯ $\boxed{(2, -4)}$ ⑰ $\boxed{(0, -2)}$ ⑲ $\boxed{(0, 3)}$

⑳ $\boxed{(-1, 1)}$ ㉕ $\boxed{(5, 2)}$ ㉖ $\boxed{(-2, 3)}$

• IGW $\Rightarrow$ Q1 HW4