latex assignment2

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Ex 9.4.2

1. Which one of the following options is true, and why? $y = 3x + 5$ has

    i a unique solution

    ii only two solutions

    iii infinitely many solutions

2. Write four solutions for each of the following equations

    i $2x + y = 7$

    ii $\pi x + y = 9$

    iii $x = 4y$

3. Check which of the following are solutions of the equation $x - 2y = 4$ and which are not

    i $(0, 2)$

    ii $(2, 0)$

    iii $(4, 0)$

    iv $(\sqrt{2}, 4\sqrt{2})$

    v $(1, 1)$

4. Find the value of k if $x = 2$, $y = 1$ is a solution of the equation of the equation $2x + 3y = 4$