13. $xy \dfrac{\partial^2 z}{\partial x \partial y} = x \dfrac{\partial z}{\partial x} + y \dfrac{\partial z}{\partial y} - z$ 14. $t = .q$

15. $p\,(x - 2z) + q\,(2z - y) = y - x$ 16. $z\,(p - q) = y - x$

17. $x\,(y^2 - z^2)\,p + y\,(z^2 - x^2)\,q = z\,(x^2 - y^2)$

18. $z = px + qy$

19. $p = q$ 20. $z^2\,(p^2 + q^2 + 1) = c^2$

21. $z = px + qy + a\,\sqrt{1 + p^2 + q^2}$