$10a^3 + 3a^2 - 18a = a(10a^2 + 3a - 18)$

-180

$3 = 10 - 7$ $\quad -70$

$= 20 - 17$ $\quad -340$

$= 15 - 12$ $\quad -180$ /

$2(10a^2 - 12a + 5a - 18)$

$= 2[2a(5a-6) + 3(5a-6)]$

$= 2[(5a-6)(2a+3)]$

$10 \quad (x - \frac{6}{5})(x + \frac{3}{2}) = (5x-6)(2x+3)$

$y \quad -12$

$b^2 - 4ac = 3^2 - 4(10)(-18)$

$= 9 + 720$

$= 729 = 27^2$, so

$x = \frac{-3 \pm 27}{20}$ $\quad \frac{24}{20} = \frac{6}{5}$ $\quad \frac{-30}{20} = -\frac{3}{2}$

Sep 22-10:07 AM