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17 29

 $4.56\ 4.56\ 4\ 5\ 4\ 5\ 4.56\ 4.56\ \pi\ e\ e\ \mathring{\it{l}}\ \mathring{\it{l}}\ \gamma\ \infty$ 

22 7 π

a 1 1 a 1 2 ... a 1 n a 2 1 a 2 2 ... a 2 n : a m 1 a m 2 ... a m n x 1 x 2 : x n = b 1 b 2 : b n

 $fx = \sum j = 0 \infty fj 0j!xj$ 

$$x 2 - 9 = x 2 - 3 2 = x - 3 x + 3$$

a x 2 + b x + c = 0 a x 2 + b x = -cx2 + b a x = -c a Divide out leading coefficient. x 2 + b a x + b 2 a 2 = -c(4a) a (4a) + b 2 4 a 2 Complete the square. (x + b 2a) (x + b 2a) = b 2 - 4 a c 4 a 2 Discriminant revealed. (x + b 2a) 2 = b 2 - 4 a c 4 a 2 x = -b 2 a 2 x + b 2 a = 2 x + b 2 a 2 x +