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17 29

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

22 7 π

a11a12...a1na21a22...a2n:am1am2...amnx1x2:xn=b1b2:bn

 $f x = \sum j = 0 \infty f j 0 j! x j$

$$x2-9=x2-32=x-3x+3$$

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

a x 2 + b x + c = 0 a x 2 + b x = -c x 2 + b a x = -c a Divide out leading coefficient. x 2 + b a x + b 2 a 2 = -c (4 a) a (4 a) + b 2 4 a 2 Complete the square. (x + b 2 a) (x + b 2 a) = b 2 - 4 a c 4 a 2 Discriminant revealed. (x + b 2 a) 2 = b 2 - 4 a c 4 a 2 x + b 2 a = b 2 - 4 a c 4 a 2 x = -b 2 a $\pm \{C\}$ b 2 - 4 a c 4 a 2 x = -b 2 a $\pm \{C\}$ b 2 - 4 a c 4 a 2 x = -b 2 a $\pm \{C\}$ b 2 - 4 a c 2 a