#1: $\left(r - \frac{1}{2}\cdot\sqrt{2}\cdot r\right)^2 + \left(\frac{1}{2}\cdot r\cdot\sqrt{2}\right)^2$ User

#2: $\left(\frac{1}{2}\cdot r\cdot\sqrt{2}\right)^2$ User

#3: $\left(r - \frac{1}{2}\cdot\sqrt{2}\cdot r\right)^2$ User

#4: $\frac{r^2}{2}$ 0.0s Fctr(#2)

#5: $\frac{r^2\cdot(3 - 2\cdot\sqrt{2})}{2}$ 0.0s Fctr(User)

#6: $\left(1 - \frac{1}{2}\cdot\sqrt{2}\cdot 1\right)^2 + \left(\frac{1}{2}\cdot 1\cdot\sqrt{2}\right)^2$ Sub(#1)

#7: $2 - \sqrt{2}$ 0.0s Simp(#6)

#8: $r^2\cdot(2 - \sqrt{2})$ 0.0s Simp(#1)

#9: $\sqrt{(r^2\cdot(2 - \sqrt{2}))}$ User

#10: $\sqrt{(2 - \sqrt{2})}\cdot|r|$ 0.0s Simp(#9)

#11: $\sqrt{(2 - \sqrt{2})}$ 0.0s Simp(Sub(#10))

#12: 0.765366 0.0s Approx(#11)

#13: 0.765366·2 User

#15: 1.53073 0.0s Approx(#14)

#16: $\frac{1}{2}\cdot\pi$ User

#17: 1.57079 0.0s Approx(#16)

#18: 1.57079 − 1.53073 User

#19: 0.0400599 0.0s Approx(#18)

#20: $\frac{1}{0.0400599}$ User

#21: 24.9626 0.0s Approx(#20)