Forming Quadratic Equations

Form the quadratic equation from the given roots.

1)
$$u = \frac{1+\sqrt{2}}{2}$$
; $u = \frac{1-\sqrt{2}}{2}$

2)
$$n = \frac{1}{2}$$
; $n = -\frac{1}{12}$

3)

Preview

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5) *C*

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7)
$$k = 6 + 2i$$
; $k = 6 - 2i$

8)
$$r = \frac{3 + \sqrt{39}}{6}$$
; $r = \frac{3 - \sqrt{39}}{6}$