$$(1,0,0)$$

$$(\frac{1}{2},0,\frac{1}{2})$$

$$(\frac{1}{3},\frac{1}{3},\frac{1}{3})$$

$$(0,0,1)$$

$$(0,\frac{1}{2},\frac{1}{2})$$

$$(0,1,0)$$