

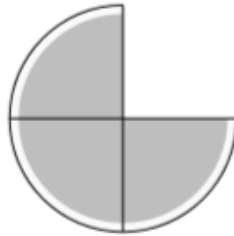


# AUSTRALIAN MATHS TRUST

AMC Challenge  
Upper Primary: Years 5–6  
Practice Problem

## UP2: Leftover Pizza!

Six boys looked in the fridge and found this much leftover pizza. They shared the leftover pizza equally. How much of the whole pizza did each boy get?



a.  $\frac{1}{12}$

b.  $\frac{1}{8}$

c.  $\frac{1}{6}$

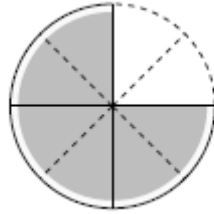
d.  $\frac{1}{4}$

e.  $\frac{1}{3}$

## Solutions

a. **Alternative 1**

Each quarter pizza is shared between two boys.



These slices are each one-eighth of the original pizza, hence (B)

**Alternative 2**

The amount of pizza is  $\frac{3}{4} = \frac{6}{8} = 6 \times \frac{1}{8}$ , so each boy gets  $\frac{1}{8}$ , hence (B)