



2. Express each of the following scales in the form 1:  $r$

a.  $1 \text{ in} : 4 \text{ yd}$

b.  $32 \text{ yd} : 1 \text{ mi}$

c.  $4 \text{ cm} : 500 \text{ m}$

d.  $0.2 \text{ cm} : 0.04 \text{ km}$