# Multiplying Square Roots

Name: _____     Score: _____

Multiply the following decimal square roots.

$\sqrt{2.25}$  x  $\sqrt{0.49}$  =  ☐          $\sqrt{1.44}$  x  $\sqrt{0.04}$  =  ☐

$\sqrt{0.25}$  x  $\sqrt{1.21}$  =  ☐          $\sqrt{0.49}$  x  $\sqrt{0.01}$  =  ☐

$\sqrt{3.24}$  x  $\sqrt{0.04}$  =  ☐          $\sqrt{0.25}$  x  $\sqrt{2.25}$  =  ☐

$\sqrt{6.25}$  x  $\sqrt{0.25}$  =  ☐          $\sqrt{0.81}$  x  $\sqrt{0.09}$  =  ☐

$\sqrt{4.41}$  x  $\sqrt{0.09}$  =  ☐          $\sqrt{1.96}$  x  $\sqrt{0.04}$  =  ☐

$\sqrt{0.09}$  x  $\sqrt{0.16}$  =  ☐          $\sqrt{0.09}$  x  $\sqrt{0.25}$  =  ☐

$\sqrt{0.16}$  x  $\sqrt{6.25}$  =  ☐          $\sqrt{1.21}$  x  $\sqrt{0.04}$  =  ☐

$\sqrt{0.16}$  x  $\sqrt{0.25}$  =  ☐          $\sqrt{0.64}$  x  $\sqrt{0.36}$  =  ☐

$\sqrt{4.41}$  x  $\sqrt{0.04}$  =  ☐          $\sqrt{0.16}$  x  $\sqrt{0.16}$  =  ☐

$\sqrt{0.36}$  x  $\sqrt{0.64}$  =  ☐          $\sqrt{0.09}$  x  $\sqrt{0.04}$  =  ☐

$\sqrt{0.16}$  x  $\sqrt{0.64}$  =  ☐          $\sqrt{0.49}$  x  $\sqrt{0.64}$  =  ☐

$\sqrt{4.84}$  x  $\sqrt{0.04}$  =  ☐          $\sqrt{0.64}$  x  $\sqrt{0.04}$  =  ☐

copyright:   www.mathinenglish.com

# Answers

Multiply the following decimal square roots.

$\sqrt{2.25}$  x  $\sqrt{0.49}$  =  $\boxed{1.05}$　　　$\sqrt{1.44}$  x  $\sqrt{0.04}$  =  $\boxed{0.24}$

$\sqrt{0.25}$  x  $\sqrt{1.21}$  =  $\boxed{0.55}$　　　$\sqrt{0.49}$  x  $\sqrt{0.01}$  =  $\boxed{0.07}$

$\sqrt{3.24}$  x  $\sqrt{0.04}$  =  $\boxed{0.36}$　　　$\sqrt{0.25}$  x  $\sqrt{2.25}$  =  $\boxed{0.75}$

$\sqrt{6.25}$  x  $\sqrt{0.25}$  =  $\boxed{1.25}$　　　$\sqrt{0.81}$  x  $\sqrt{0.09}$  =  $\boxed{0.27}$

$\sqrt{4.41}$  x  $\sqrt{0.09}$  =  $\boxed{0.63}$　　　$\sqrt{1.96}$  x  $\sqrt{0.04}$  =  $\boxed{0.28}$

$\sqrt{0.09}$  x  $\sqrt{0.16}$  =  $\boxed{0.12}$　　　$\sqrt{0.09}$  x  $\sqrt{0.25}$  =  $\boxed{0.15}$

$\sqrt{0.16}$  x  $\sqrt{6.25}$  =  $\boxed{1}$　　　$\sqrt{1.21}$  x  $\sqrt{0.04}$  =  $\boxed{0.22}$

$\sqrt{0.16}$  x  $\sqrt{0.25}$  =  $\boxed{0.2}$　　　$\sqrt{0.64}$  x  $\sqrt{0.36}$  =  $\boxed{0.48}$

$\sqrt{4.41}$  x  $\sqrt{0.04}$  =  $\boxed{0.42}$　　　$\sqrt{0.16}$  x  $\sqrt{0.16}$  =  $\boxed{0.16}$

$\sqrt{0.36}$  x  $\sqrt{0.64}$  =  $\boxed{0.48}$　　　$\sqrt{0.09}$  x  $\sqrt{0.04}$  =  $\boxed{0.06}$

$\sqrt{0.16}$  x  $\sqrt{0.64}$  =  $\boxed{0.32}$　　　$\sqrt{0.49}$  x  $\sqrt{0.64}$  =  $\boxed{0.56}$

$\sqrt{4.84}$  x  $\sqrt{0.04}$  =  $\boxed{0.44}$　　　$\sqrt{0.64}$  x  $\sqrt{0.04}$  =  $\boxed{0.16}$