

Fullname:  S. No:

## Squares and Square Roots

Determine whether the following numbers are perfect squares.

a) 120  YES  NO

e) 250  YES  NO

b) 144  YES  NO

f) 300  YES  NO

c) 160  YES  NO

g) 324  YES  NO

d) 196  YES  NO

h) 484  YES  NO

Determine the square roots of the following.

a)  $\sqrt{36}$   6  9  18

c)  $\sqrt{0.64}$   0.9  0.8  0.7

b)  $\sqrt{7^2}$   49  14  7

d)  $\sqrt{\frac{9}{25}}$    $\frac{2}{4}$    $\frac{3}{5}$    $\frac{5}{3}$

Calculate the value of the following.

a)  $\sqrt{7} \times \sqrt{7}$    $\sqrt{7}$   7  49

b)  $\sqrt{0.3} \times \sqrt{0.3}$    $\sqrt{0.3}$   0.9  0.3

c)  $\sqrt{\frac{2}{5}} \times \sqrt{\frac{2}{5}}$    $\sqrt{\frac{4}{25}}$    $\frac{4}{25}$    $\frac{2}{5}$