

## Lesson 51 Practice (continued)

## Developing/Proficient

## Squaring Fractions

$$\left(\frac{2}{3}\right)^2 = \square$$

$$\left(\frac{5}{7}\right)^2 = \square$$

$$\left(\frac{1}{8}\right)^2 = \square$$

$$\left(\frac{4}{5}\right)^2 = \square$$

$$\left(\frac{6}{11}\right)^2 = \square$$

$$\left(\frac{3}{10}\right)^2 = \square$$

$$\left(\frac{1}{9}\right)^2 = \square$$

$$\left(\frac{7}{10}\right)^2 = \square$$

$$\left(\frac{2}{5}\right)^2 = \square$$

$$\left(\frac{3}{4}\right)^2 = \square$$

$$\left(\frac{5}{11}\right)^2 = \square$$

$$\left(\frac{7}{9}\right)^2 = \square$$

$$\left(\frac{10}{11}\right)^2 = \square$$

$$\left(\frac{7}{8}\right)^2 = \square$$

$$\left(\frac{1}{10}\right)^2 = \square$$

## Developing/ Proficient

### Square Root -Fractions

1)  $\sqrt{\frac{4}{16}} =$

2)  $\sqrt{\frac{25}{36}} =$

3)  $\sqrt{\frac{16}{9}} =$

4)  $\sqrt{\frac{49}{64}} =$

5)  $\sqrt{\frac{144}{25}} =$

6)  $\sqrt{\frac{9}{100}} =$

7)  $\sqrt{\frac{49}{121}} =$

8)  $\sqrt{\frac{81}{144}} =$

9)  $\sqrt{\frac{225}{169}} =$

10)  $\sqrt{\frac{16}{196}} =$

11)  $\sqrt{\frac{64}{81}} =$

12)  $\sqrt{\frac{1}{121}} =$

# Proficient

## Squaring Decimals

$(0.4)^2 = \boxed{\phantom{00}}$

$(1.2)^2 = \boxed{\phantom{00}}$

$(0.8)^2 = \boxed{\phantom{00}}$

$(0.6)^2 = \boxed{\phantom{00}}$

$(2.5)^2 = \boxed{\phantom{00}}$

$(1.3)^2 = \boxed{\phantom{00}}$

$(0.5)^2 = \boxed{\phantom{00}}$

$(1.1)^2 = \boxed{\phantom{00}}$

$(0.2)^2 = \boxed{\phantom{00}}$

$(0.3)^2 = \boxed{\phantom{00}}$

$(2.2)^2 = \boxed{\phantom{00}}$

$(0.4)^2 = \boxed{\phantom{00}}$

$(0.1)^2 = \boxed{\phantom{00}}$

$(0.7)^2 = \boxed{\phantom{00}}$

$(1.5)^2 = \boxed{\phantom{00}}$

# Proficient

## Square Root - Decimals

1)  $\sqrt{0.04} =$

2)  $\sqrt{0.81} =$

3)  $\sqrt{0.64} =$

4)  $\sqrt{1.21} =$

5)  $\sqrt{1.69} =$

6)  $\sqrt{0.25} =$

7)  $\sqrt{0.49} =$

8)  $\sqrt{0.36} =$

9)  $\sqrt{0.09} =$

10)  $\sqrt{1.44} =$

11)  $\sqrt{0.01} =$

12)  $\sqrt{0.16} =$

## Lesson 51 Practice (continued)

## Extending

## Squaring Fractions

$$\left(-\frac{4}{7}\right)^2 = \square$$

$$\left(\frac{8}{13}\right)^2 = \square$$

$$\left(\frac{3}{14}\right)^2 = \square$$

$$\left(\frac{9}{10}\right)^2 = \square$$

$$\left(\frac{-3}{5}\right)^2 = \square$$

$$\left(\frac{11}{12}\right)^2 = \square$$

$$\left(\frac{2}{-9}\right)^2 = \square$$

$$\left(\frac{4}{15}\right)^2 = \square$$

$$\left(\frac{10}{13}\right)^2 = \square$$

$$-\left(\frac{3}{4}\right)^2 = \square$$

$$-\left(\frac{+1}{-6}\right)^2 = \square$$

$$\left(-\frac{3}{14}\right)^2 = \square$$

$$\left(\frac{11}{13}\right)^2 = \square$$

$$\left(\frac{2}{15}\right)^2 = \square$$

$$\left(\frac{13}{14}\right)^2 = \square$$

# Extending

Simplify and Find the Square Root

1)  $\sqrt{\frac{27}{48}} =$

2)  $\sqrt{\frac{5}{320}} =$

3)  $\sqrt{\frac{32}{72}} =$

4)  $\sqrt{\frac{200}{128}} =$

5)  $\sqrt{\frac{48}{300}} =$

6)  $\sqrt{\frac{324}{441}} =$

7)  $\sqrt{\frac{384}{54}} =$

8)  $\sqrt{\frac{64}{324}} =$

9)  $\sqrt{\frac{196}{400}} =$

10)  $\sqrt{\frac{96}{726}} =$

11)  $\sqrt{\frac{175}{343}} =$

12)  $\sqrt{\frac{81}{576}} =$

# Extending

## Squaring Decimals

$(9.4)^2 = \boxed{\phantom{000}}$

$(-6.5)^2 = \boxed{\phantom{000}}$

$(10.2)^2 = \boxed{\phantom{000}}$

$(6.1)^2 = \boxed{\phantom{000}}$

$(3.6)^2 = \boxed{\phantom{000}}$

$(7.7)^2 = \boxed{\phantom{000}}$

$-(-5.9)^2 = \boxed{\phantom{000}}$

$(1.01)^2 = \boxed{\phantom{000}}$

$(8.2)^2 = \boxed{\phantom{000}}$

$-(-7.3)^2 = \boxed{\phantom{000}}$

$(-9.4)^2 = \boxed{\phantom{000}}$

$(7.5)^2 = \boxed{\phantom{000}}$

$(20.1)^2 = \boxed{\phantom{000}}$

$(0.11)^2 = \boxed{\phantom{000}}$

$(-8.8)^2 = \boxed{\phantom{000}}$

# Extending

## Square Root - Decimals

1) $\sqrt{8.41} =$ <input type="text"/>	2) $\sqrt{3.61} =$ <input type="text"/>
3) $\sqrt{2.56} =$ <input type="text"/>	4) $\sqrt{2.25} =$ <input type="text"/>
5) $\sqrt{4.84} =$ <input type="text"/>	6) $\sqrt{7.84} =$ <input type="text"/>
7) $\sqrt{4.41} =$ <input type="text"/>	8) $\sqrt{3.24} =$ <input type="text"/>
9) $\sqrt{6.76} =$ <input type="text"/>	10) $\sqrt{2.89} =$ <input type="text"/>
11) $\sqrt{5.76} =$ <input type="text"/>	12) $\sqrt{7.29} =$ <input type="text"/>