Practice Run

Estimate the value of the radicals.

1.

$\sqrt{36}$	
$\sqrt{38}$	6.1 or 6.2
$\sqrt{49}$	

38 is closer to 36 than it is to 49, so $\sqrt{38}$ will be closer to $\sqrt{36}$ than it will be to $\sqrt{49}$.

Using a calculator, the decimal equivalent of $\sqrt{38}$ = _____

2.

$\sqrt{\quad}$	
$\sqrt{54}$	
$\sqrt{\quad}$	

Using a calculator, the decimal equivalent of $\sqrt{54}$ = _____

Compare your answers.

Estimate the value of the radicals.

1.

$\sqrt{36}$	6
$\sqrt{38}$	6.1 or 6.2
$\sqrt{49}$	7

Using a calculator, the decimal equivalent of $\sqrt{38}$ = 6.164414003…

2.

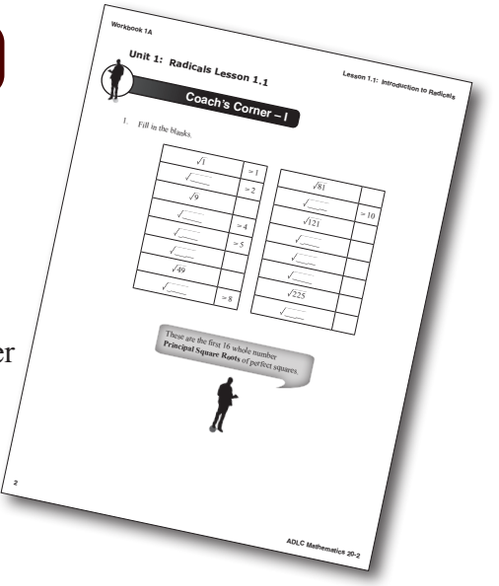
$\sqrt{49}$	7
$\sqrt{54}$	7.3 or 7.4
$\sqrt{64}$	8

Using a calculator, the decimal equivalent of $\sqrt{54}$ = 7.348469228…

Coach's Corner

It is time to go to *Workbook 1A* and complete *Coach's Corner – I.*

Please continue with the lesson in the *Module* after you have completed the *Coach's Corner* in the *Workbook* and you are confident in your skills.


Workbook 1A

Unit 1: Radicals Lesson 1.1

Lesson 1.1: Introduction to Radicals

Coach's Corner – I

1. Fill in the blanks.

$\sqrt{1}$	$=1$
$\sqrt{\quad}$	$=2$
$\sqrt{9}$	
$\sqrt{\quad}$	$=4$
$\sqrt{\quad}$	$=5$
$\sqrt{\quad}$	
$\sqrt{49}$	
$\sqrt{\quad}$	$=8$

$\sqrt{81}$	
$\sqrt{\quad}$	$=10$
$\sqrt{121}$	
$\sqrt{\quad}$	
$\sqrt{\quad}$	
$\sqrt{\quad}$	
$\sqrt{225}$	
$\sqrt{\quad}$	

These are the first 16 whole numbers.
Principal Square Roots of perfect squares.

2

ADLC Mathematics 20-2