Converting Customary Units of Length Notes/Practice (pp. 1 of 2)



Changing Larger Units to Smaller Units

Sandra is 4 ft 3 in. tall. How many inches tall is she?

4 ft 3 in. = in. Write down what you are supposed to find out. \rightarrow

Write down what you know about feet and inches. \rightarrow 1 ft = 12 in.(You can get this information from the Grade 4 TAKS Mathematical Chart.)

Use a table to organize the information and determine the rule or process to convert the measurement units. \rightarrow

(Notice that feet are larger units than inches so you need to multiply to convert.)

Feet	Rule/Process	Inches
1	x 12	12
4	x 12	48

So, 4ft 3 in. = 48 in. + 3 in. = 51 in. \rightarrow Sandra is 51 in. tall.

Converting Customary Units of Length Notes/Practice (pp. 2 of 2)

Complete each of the following by using a table to organize the measurement units. Show your work. **Practice:**

(1)	5 ft =in.	(2)	7 yd =ft
(3)	3 ft 4 in. =in.	(4)	2 yd = in.
(5)	87 ft =yd	(6)	216 in.=yd

Converting Customary Units of Length Notes/Practice (pp. 1 of 2) KEY



So, Peter is 4 feet, 3 inches tall.

Changing Larger Units to Smaller Units

Sandra is 4 ft 3 in. tall. How many inches tall is she?

Write down what you are supposed to find out. \rightarrow 4 ft 3 in. = ____in.

Write down what you know about feet and inches. \rightarrow 1 ft = 12 in. (You can get this information from the Grade 4 TAKS Mathematical Chart.)

Use a table to organize the information and determine the rule or process to convert the measurement units. \rightarrow

(Notice that feet are larger units than inches, so you need to multiply to convert.)

Feet	Rule/Process	Inches
1	x 12	12
4	x 12	48

So, 4ft 3 in. = 48 in. + 3 in. = 51 in. \rightarrow Sandra is 51 in. tall.

Converting Customary Units of Length Notes/Practice (pp. 2 of 2) KEY

Complete each of the following by using a table to organize the measurement units. Show your work. **Practice:**

