

March 4, 2016

Let n be the lengths of the first piece.

$$n + 3n + 7n + 2 = 46$$

$$11n + 2 = 46$$

$$11n = 44$$

$$n = 4$$

1st piece is 4 feet
 2nd piece is $3(4) = 12$ feet
 3rd piece is $7(4) + 2 = 30$ feet

Mar 4-9:06 AM

#1)

Complementary angles
 Supplementary angles

Mar 4-9:21 AM

#1)

Let x angle "1" be the first.

$$x + 2x + 6 = 90$$

$$3x + 6 = 90$$

$$3x = 84$$

$$x = 28^\circ$$

1st angle is 28°
 2nd " is $2(28) + 6 = 62^\circ$

$$\begin{array}{r} 62 \\ 28 \\ \hline 90 \end{array}$$

Mar 4-9:26 AM

Mar 4-9:31 AM

1 2 \geq 4 \leq 6

x $x+2$ $x+4$

$$x + x + 2 + x + 4 = 450$$

Mar 4-9:31 AM

\$15,000 total to be invested.

- * Invest amt ① that pays 5% per year.
- * Invest amt ② that pays 4% per year.
- * After one year \$4,250.00 of Invest from investments.

Mar 4-9:39 AM

$$15,000 (.05) = \$750$$

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