



Word problems

Solve each word problem. Show your thinking.

<p>a. Deon has 4 times as many marbles as Megan. Megan has 5 more marbles than Hunter. Hunter has 3 marbles. How many marbles does Deon have?</p> <div></div> marbles	<p>b. Andrea is 3 times as old as Carter. Carter is 5 times as old as Monique. Andrea is 75 years old. How old is Monique?</p> <div></div> years old
<p>c. One piece of rope is 60 yards long. It is cut into 2 pieces so that one piece is 4 times as long as the other piece. How long is the longer piece of rope?</p> <div></div> yd	<p>d. Karen is making a square picture frame. One side is 60 cm long. She has a 3 m length of timber. How much timber will be left over?</p> <div></div> cm
<p>e. A stable has 3 standard stalls that are each $1\frac{1}{2}$ m wide. There is also a storeroom that is 2 m wide. How many millimeters wide are the 3 stalls in total?</p> <div></div> mm	<p>f. The driving distance from Salem to Austin is 3,398 km and from Salem to Dover is 4,713 km. What is the difference in meters between these distances?</p> <div></div> m

Solve each word problem. Show your thinking.

- a. Deon has 4 times as many marbles as Megan. Megan has 5 more marbles than Hunter. Hunter has 3 marbles. How many marbles does Deon have?



32

marbles

- b. Andrea is 3 times as old as Carter. Carter is 5 times as old as Monique. Andrea is 75 years old. How old is Monique?



5

years old

- c. One piece of rope is 60 yards long. It is cut into 2 pieces so that one piece is 4 times as long as the other piece. How long is the longer piece of rope?



48

yd

- d. Karen is making a square picture frame. One side is 60 cm long. She has a 3 m length of timber. How much timber will be left over?



60

cm

- e. A stable has 3 standard stalls that are each $1\frac{1}{2}$ m wide. There is also a storeroom that is 2 m wide. How many millimeters wide are the 3 stalls in total?



4,500

mm

- f. The driving distance from Salem to Austin is 3,398 km and from Salem to Dover is 4,713 km. What is the difference in meters between these distances?



1,315,000

m