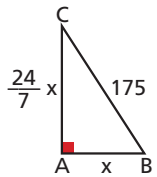
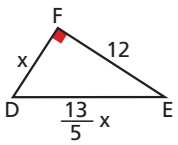
ESERCIZI IN PIÙ

LA MISURA E LE GRANDEZZE PROPORZIONALI

Utilizzando i dati e le relazioni riportate nelle figure, determina il perimetro di ogni figura (le misure sono rispetto al centimetro).

1

a 

b 

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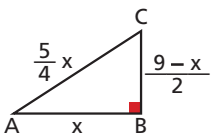
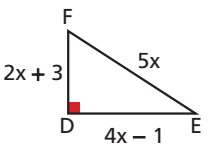
a 

b 

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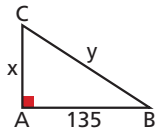
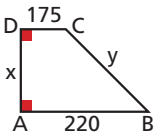
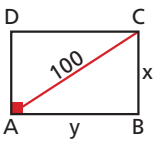
a 

$\frac{\overline{CB}}{\overline{AC}} = \frac{17}{8}$

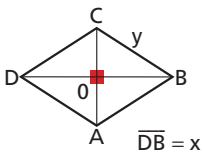
b 

$\overline{AD} = \frac{40}{41}\overline{CB}$

4

a 

$\overline{BC} = \frac{7}{24}\overline{AB}$

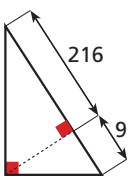
b 

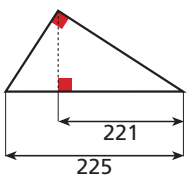
$\overline{DB} = x$

$\overline{DB} = \frac{5}{13}\overline{CB}$ $\overline{AC} = 120$

Utilizzando i dati in centimetri forniti dalle figure, calcola il perimetro di ogni triangolo senza mai applicare il teorema di Pitagora.

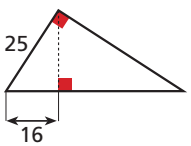
5

a 

b 

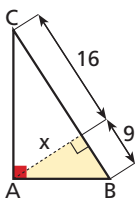
6

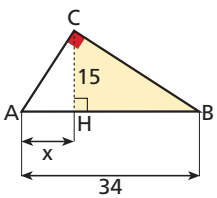
a

b 

Utilizzando i dati forniti dalle figure, calcola il perimetro dei triangoli colorati, senza far uso del teorema di Pitagora. (L'unità di misura è il centimetro.)

7

a 

b 

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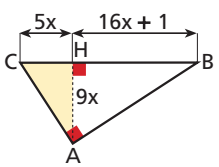
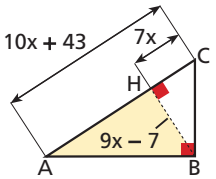
a 

b 

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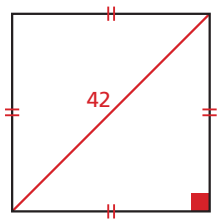
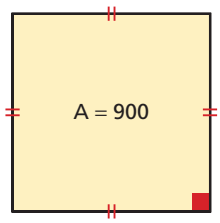
Per ognuna delle seguenti figure, calcola la lunghezza del segmento indicato; le misure dei lati sono espresse in centimetri, quelle delle aree in centimetri quadrati.

9

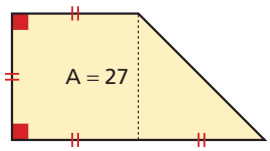


a lato?

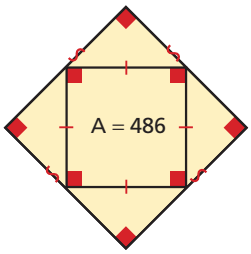


b diagonale?

10



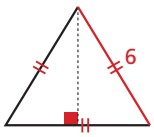
a lato obliquo?



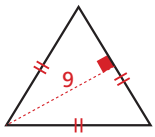
b lato del quadrato centrale?

Per ogni figura calcola le grandezze indicate. Le misure sono espresse in centimetri, quelle delle aree in centimetri quadrati.

11

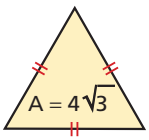


a altezza?
area?

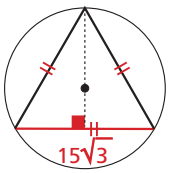


b lato?
area?

12



a lato?



b diametro?

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