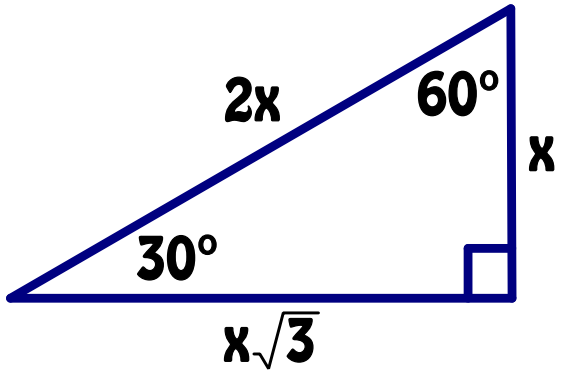
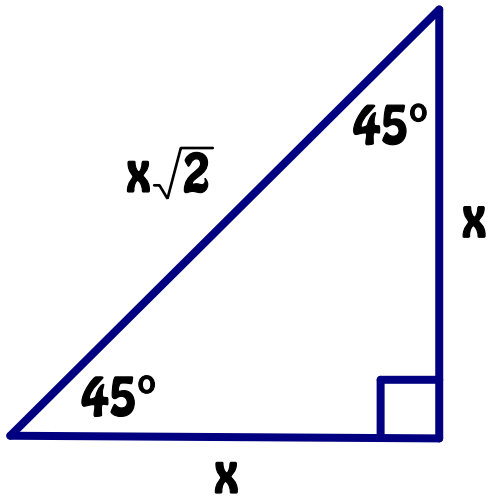
Special Right Triangles Foldables





Thank you for buying my foldables!

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Instructions

Print or copy page 3 and 4 double sided.

Print or copy page 6 and 7 double sided.

Place each paper so the examples are face down.

Cut along the dotted lines to create flaps.

Glue the foldables into notes or on a piece of construction paper.

Go through the foldables with your students.

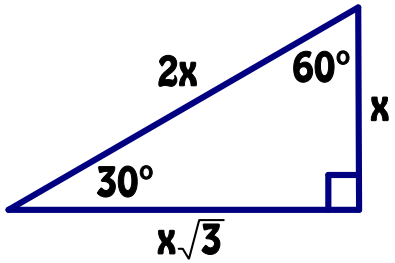
Rule

Examples

Word Problems

Rule

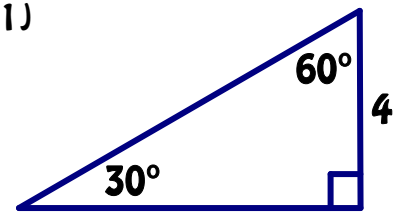
A right triangles whose angle measures are 30°- 60°- 90° is called a special right triangle.



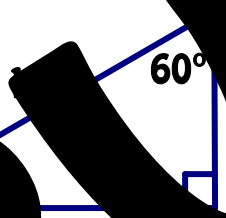
Examples

Find the missing sides in each special right triangle.

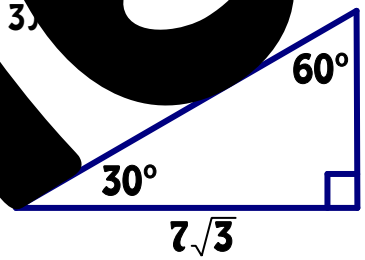
1)



2)

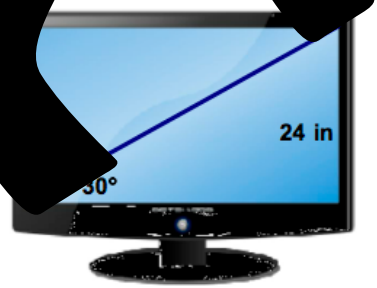


3)

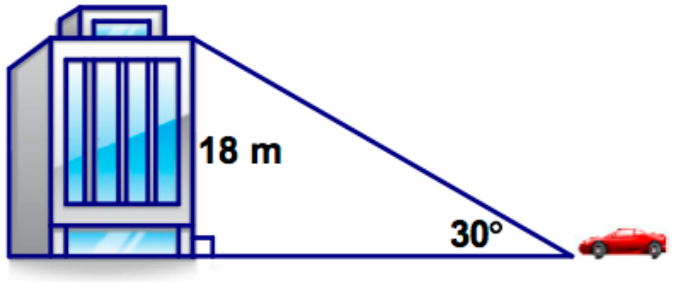


Problems

4) Television measured ... diagonal. What is the size of the television?



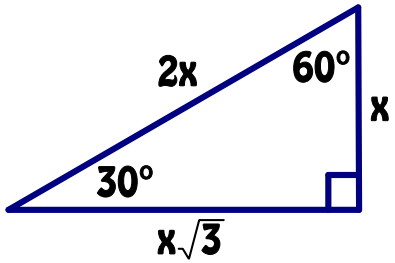
5) How far from the base of the building is the car?



30° - 60° - 90° Special Right Triangle

Rule

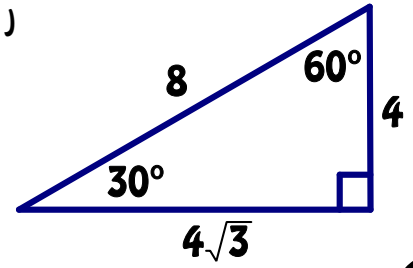
A right triangles whose angle measures are 30°- 60°- 90° is called a special right triangle.



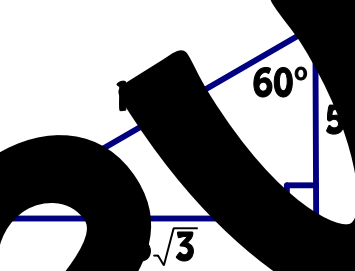
Examples

Find the missing sides in each special right triangle.

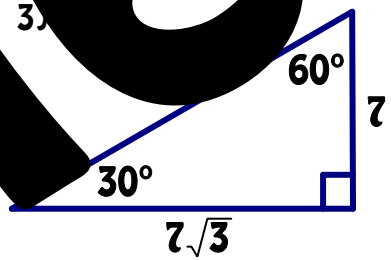
1)



2)

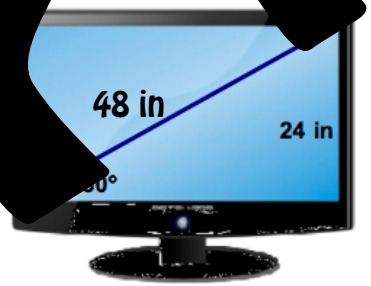


3)

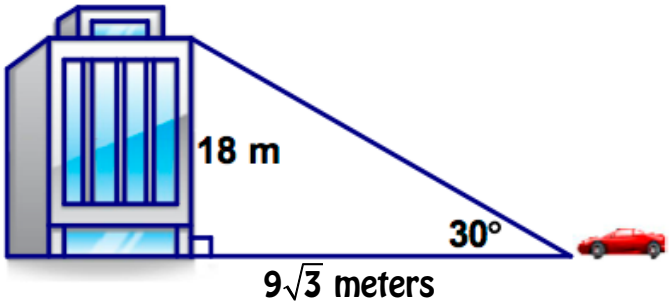


Problems

4) ...levision ...measured ... dia... Wh... the size of ... telev...



5) How far from the base of the building is the car?



30° - 60° - 90° Special Right Triangle

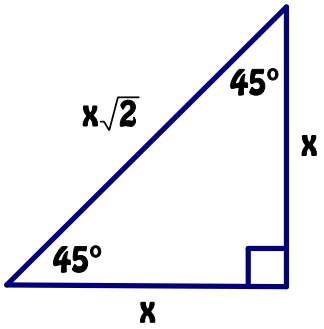
Rule

Examples

Word Problems

Rule

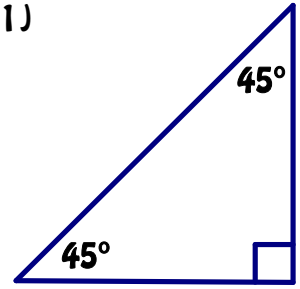
A right triangles whose angle measures are 45°- 45°- 90° is called a special right triangle.



Examples

Find the missing sides in each special right triangle.

1)



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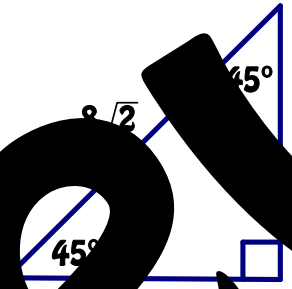

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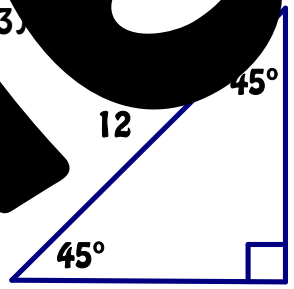
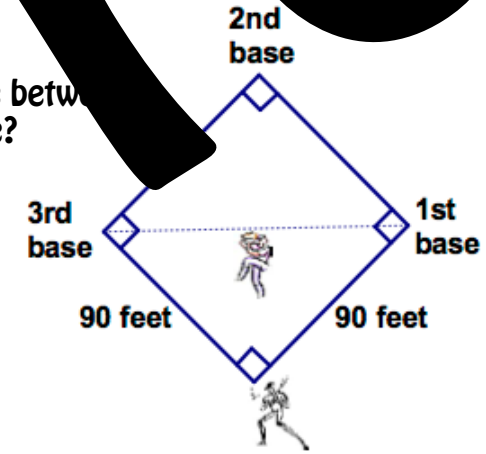


Problems

4) is th tance betw rd base?

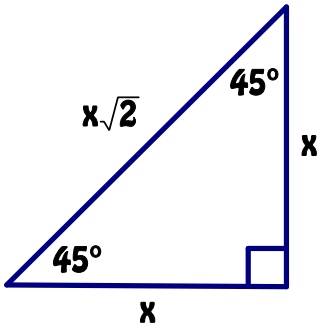


5) The perimeter of a square is 28 cm. What is the length of the diagonal?

45° - 45° - 90° Special Right Triangle

Rule

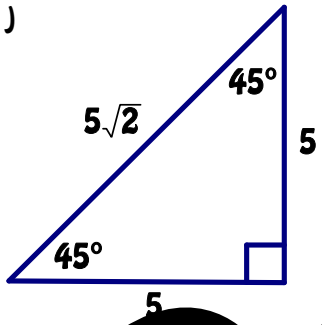
A right triangles whose angle measures are 45°- 45°- 90° is called a special right triangle.



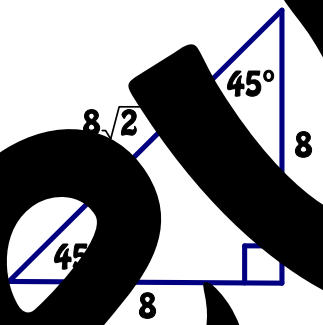
Examples

Find the missing sides in each special right triangle.

1)



2)



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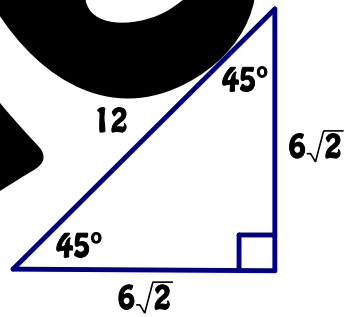
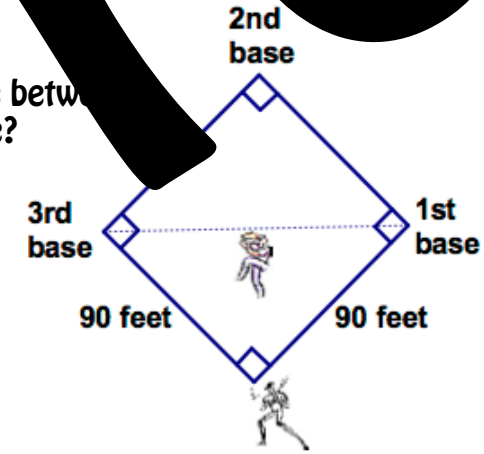


Problems

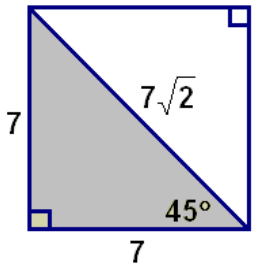
4) is th tance betw rd base?

feet



5) The perimeter of a square is 28 cm. What is the length of the diagonal?

7√2 cm



45° - 45° - 90° Special Right Triangle