

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

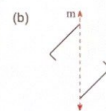
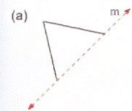
23 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

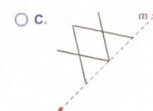
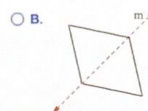
11.2.A-14

Question Help

Complete the sketch of each figure so that it has line symmetry about line m .



(a) Which figure has line symmetry about m ?



Click to select your answer and then click Check Answer.

1 part remaining

Clear All

Final Check

Navigation arrows

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Score: 0 of 1 pt

◀ 24 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

11.3-8

Question Help

Find the missing angle.



- ☐ A. 66°
- ☐ B. 84°
- ☐ C. 74°
- ☐ D. 32°

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

?

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Score: 0 of 1 pt

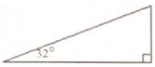
◀ 25 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

11.3-9

Question Help

Find the missing angle.



- ☐ A. 32°
- ☐ B. 58°
- ☐ C. 68°
- ☐ D. 50°

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer



?

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Score: 0 of 1 pt

◀ 26 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pt

Question Help



1.3-10

Find the missing angle.



- ☐ A. 124°
- ☐ B. 142°
- ☐ C. 132°
- ☐ D. 157°

Click to select your answer and then click Check Answer.

11 parts showing

Clear All

Check Answer



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27 of 44 (0 complete)

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HW Score: 0%, 0 of 44 pts

11.3.A-2

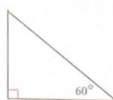
Question Help

Find the measure of the third angle in each of the following triangles. The triangles are not drawn to scale.

a.



b.



a. The measure of the missing angle is °. (Simplify your answer.)

Enter your answer in the answer box and then click Check Answer.

1 part remaining

Clear All

Check Answer



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Score: 0 of 1 pt

◀ 28 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

11.3.A-3

Question Help

Find the measure of a complementary angle, a supplementary angle, and a vertical angle for the following measures. Complete parts (a) and (b) below.

a. $m(\angle A) = 39^\circ$

Identify the measure of a complementary angle of $m(\angle A) = 39^\circ$.

The measure of the complement is °.
(Simplify your answer.)

Enter your answer in the answer box and then click Check Answer.

5 parts
remaining

Clear All

Check Answer

◀ ▶

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Score: 0 of 1 pt

◀ 29 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

11.3.A-5

Question Help

What is the measure of the complement of the supplement of a 137° angle?The measure is °.
(Simplify your answer.)

Enter your answer in the answer box and then click Check Answer.

All parts showing

Clear All

Check Answer

◀ ▶

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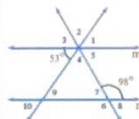
Score: 0 of 1 pt

◀ 30 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pt

1.3.A-21

Question Help

In this exercise, lines m and n are parallel. Find the measure of each numbered angle. $m\angle 1 = \square^\circ$

Enter your answer in the answer box and then click Check Answer.

) parts remaining

Clear All

Check Answer

◀ ▶

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Score: 0 of 1 pt

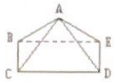
◀ 31 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pt

1.4-10

Question Help

List the edges of the figure.



- ☐ A. A, B, C, D, E
- ☐ B. ABC, ABE, ADE, ACD, BCDE
- ☐ C. AB, AC, AD, AE, BE, BC, CD, DE
- ☐ D. Cannot be identified

Click to select your answer and then click Check Answer.

1 parts showing

Clear All

Check Answer

◀ ▶

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Score: 0 of 1 pt

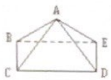
32 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

11.4-11

Question Help

List the vertices of the figure.



- ☐ A. AB, AC, AD, AE, BE, BC, CD, DE
- ☐ B. A, B, C, D, E
- ☐ C. ABC, ABE, ADE, ACD, BCDE
- ☐ D. Cannot be identified

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer



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Score: 0 of 1 pt

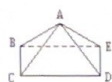
33 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

11.4-12

Question Help

List the faces of the figure.



- ☐ A. AB, AC, AD, AE, BE, BC, CD, DE
- ☐ B. ABC, ABE, ADE, ACD, BCDE
- ☐ C. A, B, C, D, E
- ☐ D. Cannot be identified

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

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Score: 0 of 1 pt

34 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

11.4.A-12

Question Help

The figure on the right represents a card attached to a wire. Determine what the figure would look like if the card were revolved about the wire.



Choose the figure below.

☐ A.☐ B.☐ C.☐ D.

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

?

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

35 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

Question Help

4.B-13

The following figures represent cards attached to a wire, as shown. For each card, sketch and name the three-dimensional figure resulting from revolving it about the wire. Complete parts (a) through (d) below.

The card attached to the wire is shown to the right. Choose the correct answer below.



A. The figure is a square pyramid.

B. The figure is an upside down cone.



C. The figure is two joined cones.

D. The figure is a truncated cone.



select your answer and then click Check Answer.

?

ts

Clear All

Check Answer

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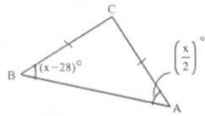
core: 0 of 1 pt

36 of 44 (0 complete)

HW Score: 0%, 0 of 44 pt

2.1.B-6

Question Help

Find the measure of $\angle C$ in the following figure. $\angle C = \square^\circ$

Enter your answer in the answer box and then click Check Answer.

11 parts showing

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

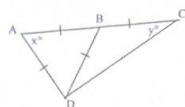
37 of 44 (0 complete)

HW Score: 0%, 0 of 44 p

Question Help

12.1.B-8

Congruent sides are marked on the figure to the right. Find the values of x and y .

 $x^\circ = \square^\circ$
 $y^\circ = \square^\circ$

Enter your answer in the edit fields and then click Check Answer.

Clear All

Check Answer

?

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Score: 0 of 1 pt

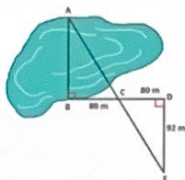
◀ 38 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 p

Mathematical Connections 12.2.3

Question Help

A surveyor wanted to know the length of a bridge ($\overline{AB}$) over water. He designed the figure to the right. Explain how he can use his diagram to find the length of the bridge.



Complete the sentences below.

Show $\triangle ABC \cong \triangle EDC$ by and then $\overline{AB} \cong$ by . The bridge is m long.

Enter your answer in the answer box and then click Check Answer.

1 parts showing

Clear All

Check Answer

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Score: 0 of 1 pt

39 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

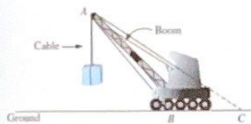
Question Help



12.3.A-4

Construction companies avoid vandalism at night by hanging expensive pieces of equipment from the boom of a crane, as shown in the figure below.

- a. If you consider a triangle with two vertices A and B as marked in the figure and the intersection of a line through the cable holding the equipment and the ground as the third vertex, what type of triangle is formed?
- b. If you consider the triangle formed by points A, B, and C, describe where the altitude containing vertex A of the triangle is.



a. Choose the correct answer.

- ☐ A. An isosceles triangle.
- ☐ B. A right triangle.
- ☐ C. An equilateral triangle.
- ☐ D. An obtuse triangle.

Click to select your answer and then click Check Answer.

1 part remaining

Clear All

Check Answer



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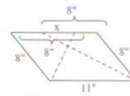
Score: 0 of 1 pt

◀ 40 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

Question Help

12.3.A-12

In the parallelogram shown, find x . $x =$

Enter your answer in the answer box and then click Check Answer.

All parts showing

Clear All

Check Answer

?

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Score: 0 of 1 pt

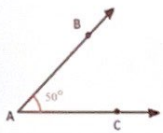
41 of 44 (0 complete)

HW Score: 0%, 0 of 44 p

Mathematical Connections 12.3.2

Question Help

In the figure, $m(\angle A) = 50^\circ$. Explain how to construct a 20° angle using this figure.



Select the correct answer below.

Construct a perpendicular to at . The new angle formed is $\angle A$ and has measure °. If this angle is then the construction is complete.

Enter your answer in the answer box and then click Check Answer.

All parts showing

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

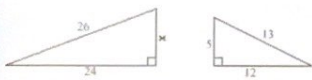
42 of 44 (0 complete) ▼

HW Score: 0%, 0 of 44 p

12.4-11

Question Help

These triangles are similar. Find the missing length.



- ☐ A. $x = 15$
- ☐ B. $x = 7$
- ☐ C. $x = 5$
- ☐ D. $x = 10$

Click to select your answer and then click Check Answer.

* If needed, click here

Clear All

Check Answer

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Score: 0 of 1 pt

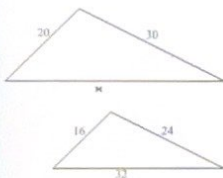
43 of 44 (0 complete)

HW Score: 0%, 0 of 44 p

12.4-13

Question Help

These triangles are similar. Find the missing length.



- ☐ A. $x = 32$
☐ B. $x = 38$
☐ C. $x = 50$
☐ D. $x = 40$

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

44 of 44 (0 complete)

HW Score: 0%, 0 of 44 p

12.4-17

Question Help

A lookout tower casts a shadow 200 feet long at the same time that the shadow of a 8 foot truck is 16 feet long. Find the height of the tower.

- ☐ A. $\frac{16}{25}$
- ☐ B. 100
- ☐ C. 400
- ☐ D. 128

Click to select your answer and then click Check Answer.

All parts showing