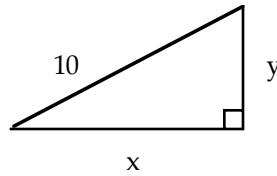


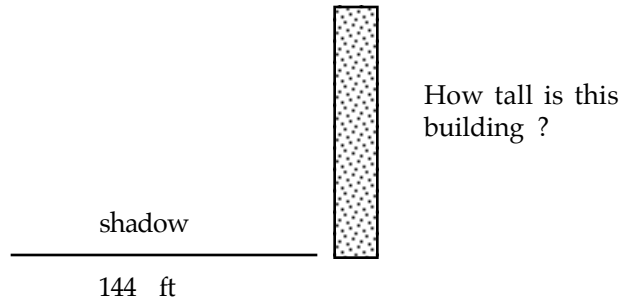
WarmUp 62
Review

Name _____

- 1 If $3x + 5 = 29$ then
Find 'y'
Find the area of the Δ

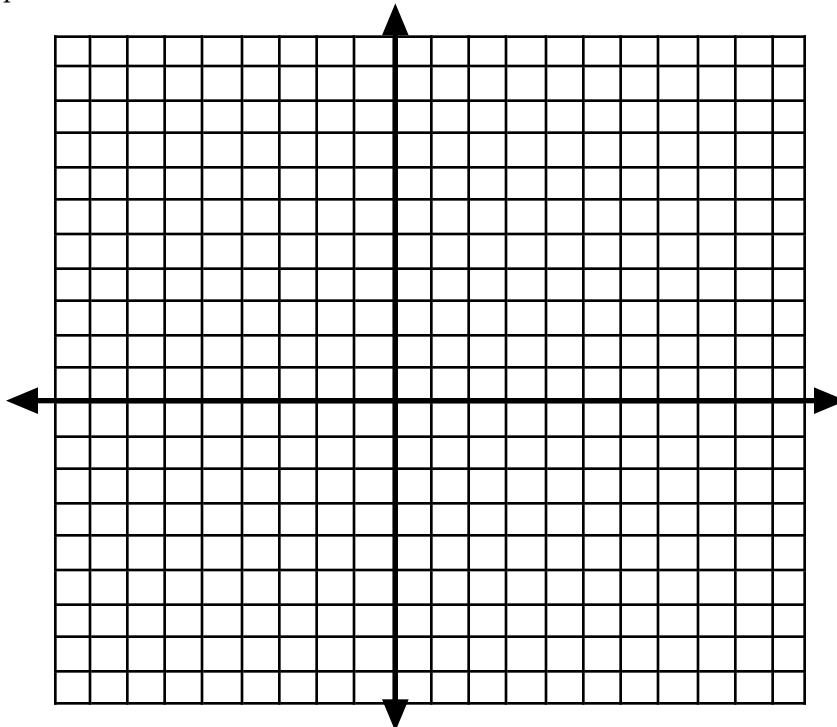


- 2
-



- 3 A circle is inscribed in square which has a side of 6 cm. Find the area of the region outside the circle but inside the square in terms of π .
- 4 Find the equation for the line through $(-2, 1)$ with a slope of 3.
Find the equation for the line which goes through point $(2, 3)$ and point $(4, 7)$

Graph these lines



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5 Total surface area of the following:

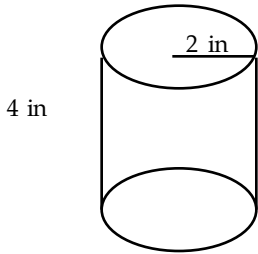


Figure _____

Words _____

Surface area in terms of π

6

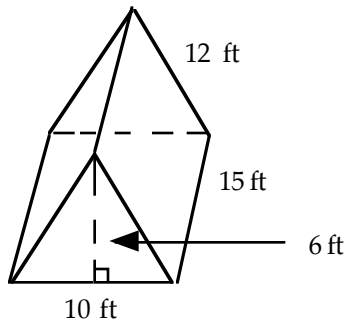
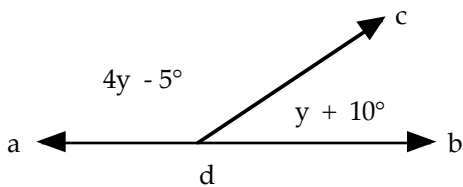


Figure _____

Words _____

Surface area

7

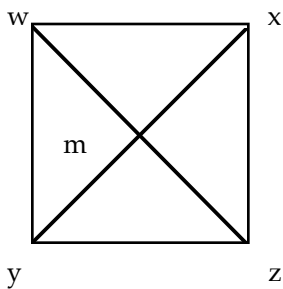


Find $m\angle adc$ and $m\angle cdb$

Which angle is acute?

Supplementary or complementary?

8



$wxyz$ is a square with an area of 36 sq inches.

What are the lengths of segments wz & xy ?

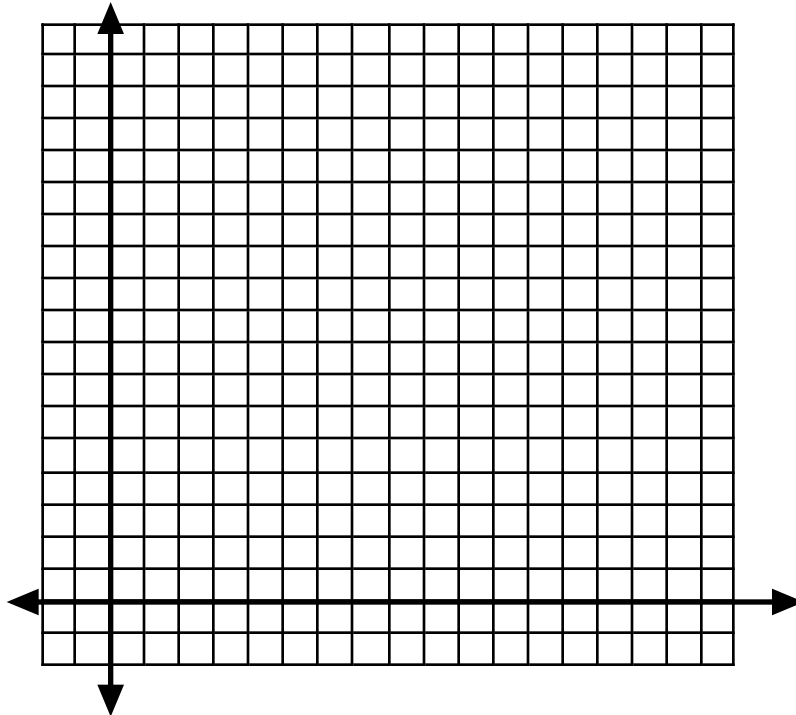
What is the area of $\Delta x mz$?

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9 Graph the following.

- A (0, 0) B (3, 0) C (0, 4) Connect to form ΔABC
~ area ΔABC length of segment BC type of triangle
- M (0, 0) N (0, 6) O (8, 0) Connect to form ΔMNO
~ area length of segment NO type of triangle
- Segment X (7, 11) Y (10, 11)
~ circumference and area of circle with a radius of XY
- F (5, 5) G (11, 5) H (9, 9) Connect to form ΔFGH
~ area type of triangle



5 Find the total surface area of a cube with a side of 3m.

WarmUp 62
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Name _____