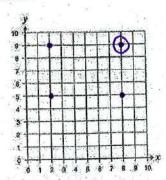
(clf (e) 1 (de el) 5)

Name

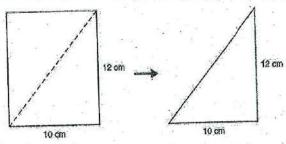
1. Chris is designing a rectangular garden plot on a piece of grid paper. He has marked three of the corners of the plot as shown.



Which ordered pair names where Chris should add a point to represent the fourth corner of the rectangle?

- A (8, 1)
- B.) (8, 9)
  - C. (9, 8)
- D. (9, 9)

Ana cuts a rectangle into 2 pieces as shown below.

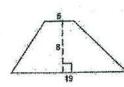


What is the area of the triangle?

- 11 cm2
- 22 cm3
- 60 cm3
  - D. 120 cm<sup>2</sup>

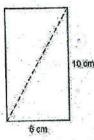
- 4= ph + 3
- 4= 10.13 +3
- A = 60cm 2
- $\beta$  3. Triangle XYZ is graphed on a coordinate plane at points X(3, -4), Y(3, 2), and Z(7, 4). What is the area of triangle XYZ? \*Use the Coordinate plane on # 12 to
  - A 10 units2
- A= bh 3
- (B.) 12 units<sup>2</sup> c. 24 units2
- help. \* 4= 13m3

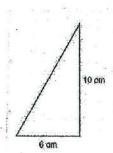
3 4. What is the area, in square units, of the trapezoid?



- A 76 B.) 96
- C. 112
- D. 152

5. Ana cut a rectangle into 2 pieces as shown below.





What is the area of the triangle?

- 8 cm3
- B. 16 cm<sup>2</sup>
- 30 cm2
- 60 cm2

- A= 6h = 2
- H= 6.10+3
- A= 30 cm2

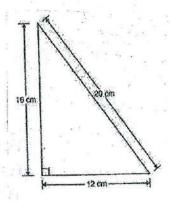
C 6. Rectangle EFGH has three vertices at E(-5, 4), F(3, 4), and G(3, 7). What are the coordinates of vertex H? \* Use the coordinate plane on #12 to help. \*

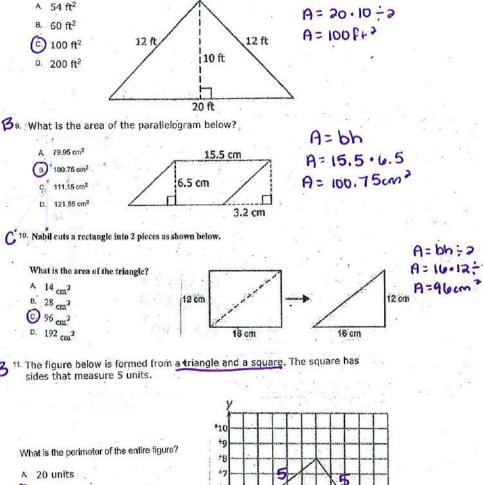
- A (7, 5)
- B. (-5, 3)
- (c.) (-5, 7)

37. The dimensions of a right triangle are shown

What is the area of the triangle?

- A 48 square centimeters
- B. 96 square centimeters C. 192 square centimeters
- D. 256 square centimeters

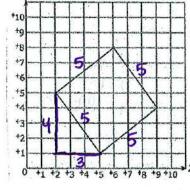




B 22 units

c. 25 units D. 27 units

C 8. What is the area of the triangle below?



A= bh = 2

12. Jeff plotted some points on a coordinate graph and connected the points.

He realized that one more point would complete a parallelogram. Where should he plot the point?

- A (2,0)
- (B.) (0, 2)
- C. (1, 2)
- D. (2, 1)

A. 14 .

C. 36

313. What is the area in square meters of the triangle below?

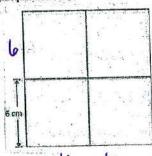


- 4= ph = 3
- A= 6.8+2
- A= 24m2
- D 14. The figure below is divided into four small squares. The sides of each small square are 6 cm

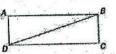
What is the area, in square centimeters, of the entire figure?

- A 36
- B. 48
- C. 72
- A=122

- A= 1440m2

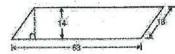


- C 15. If the area of Triangle ABD is 12 square units, what is the area of Rectangle ABCD?
  - A 6 square units
  - B. 12 square units
  - 24 square units
  - D. 48 square units

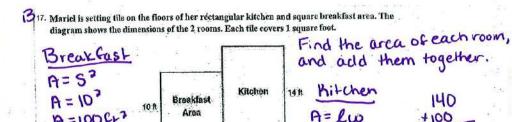


6. What is the area, in square units, of the parallelogram below?





- A=bh A=63.14
- 4= 883 mg



101

A= 10.14

A= 140 Fr >

240

10 8 If each file costs \$1.29, how much will Mariel pay to buy file for both rooms?

- \$269.00 240 (B.) \$309.60 x1.29 C. \$1,946.00 4 309.60 D. \$1,986.60
- [6] 18. A square is 3.2 millimeters (mm) on each side. What is the area of the square?
  - A= 52 A= 3.22 A 6.4 mm2 B) 10.24 mm<sup>2</sup> C. 12.8 mm<sup>2</sup> A= 10. 24mm3 D. 32.77 mm<sup>2</sup>
- 19. Laura framed her rectangular garden with boards. She used 1 hoard on each side. The longer sides were 7.5 feet long, and the shorter sides were 6.5 feet long. What is the area of her garden in square feet? "A=lw
  - A 14

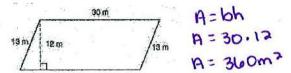
B. 28

C. 42,25

D.) 48.75

A= 48.75 FL3

20. The measurements for the parallelogram are given in meters.



What is the area of this parallelogram, in square meters?

A) 360

B. 390

C: 516

D. 750