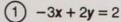
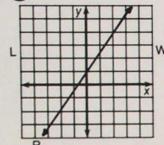
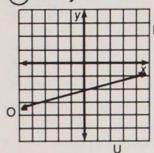
## Why Does a Poor Man Drink Coffee?

Use the slope and y-intercept to graph each equation below. The graph, if extended, will cross a letter. Print this letter in each box that contains the number of that exercise.

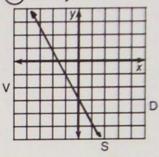




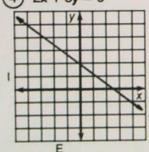
(2) 
$$x - 4y = 8$$



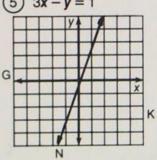
$$(3)$$
 2x + y =  $-3$ 



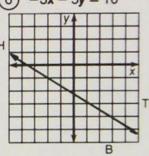
$$(4)$$
 2x + 3y = 6

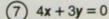


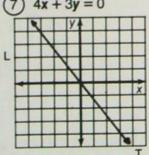
$$(5)$$
  $3x - y = 1$ 



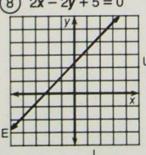
$$6) -3x - 5y = 10$$



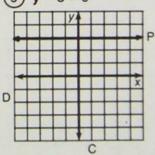


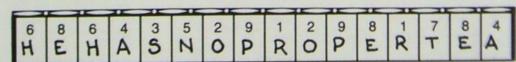


(8) 
$$2x - 2y + 5 = 0$$

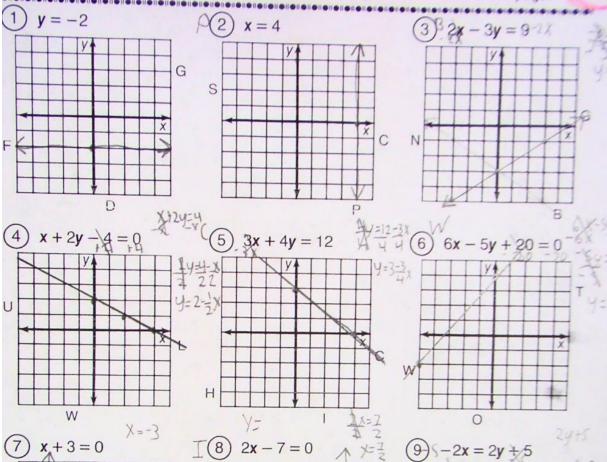


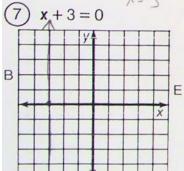
$$(9) y - 3 = 0$$

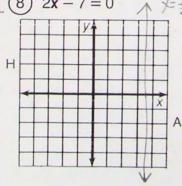


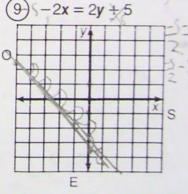


When you finish, write the remaining letters in the rectangle at the bottom of the page.









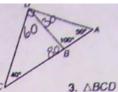
Z SZHOWEHQ FANDARZBOZUŁ FGMSZRTÓWEZERN

Answer: SHE HAD A BUM STEER

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Name Date Class	Name
Practice A  4-1 Classifying Triangles	LESSO 4-1
Match the letter of the figure to the correct vocabulary word in Exercises 1-4.	Matc
1. right triangle	1. r
2. obtuse triangle A	
3. acute triangle B&C C A P A	
4. equiangular triangle	
Classify each triangle by its angle measures as acute, equiangular, right, or obtuse. ( <i>Note:</i> Give two classifications for Exercise 7.)	Class
5. 43° 43° 7.	5.
(80' 80')	1
Right Obtuse Equiangular & Acute	4
For Exercises 8–10, fill in the blanks to complete each definition.	For E
8. An isosceles triangle has congruent sides.	
9. An <u>lgulatire</u> triangle has three congruent sides.	9. /
10. A SPALINE triangle has no congruent sides.	10. /
Classify each triangle by its side lengths as equilateral, isosceles, or scalene. (Note: Give two classifications in Exercise 13.)	Class (Note
11. \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	11. 7
1805 celes scalene equilateral ⇒ equiargu	-
Find the side lengths of the triangle. $x = \begin{bmatrix} c \\ x \end{bmatrix}$	Find
Tust for you	
14. $AB = 15$ $AC = 15$ $BC = 21$ ( $Jacob U$ )	14. /
15. The New York City subway is known for its crowded cars. If all the seats in a car are taken, passengers must stand and steady themselves with railings or handholds. The last subway cars designed with steel hand straps were the "Redbirds" made in the late 1950s and early 1960s.  The figure gives the dimensions of one of these triangular hand straps. How many hand straps could have been made from 99 inches of steel?	r s T

Classify each triangle by its angle measures. (Note: Some triangles may belong to more than one class.)



1. AABD

2. AADC

Classify each triangle by its side lengths. (Note: Some triangles may belong to more than one class.)



Scalene equilatural 1805celes

Multi-Step Find the side lengths of each triangle.

$$3.3$$
 $4x + 0.5$ 
 $x + 2.4$ 

2x+1.7= x+2.4 X = .7

$$.7+2.4=3.1$$
  
 $4(.7)+.5=3.3$