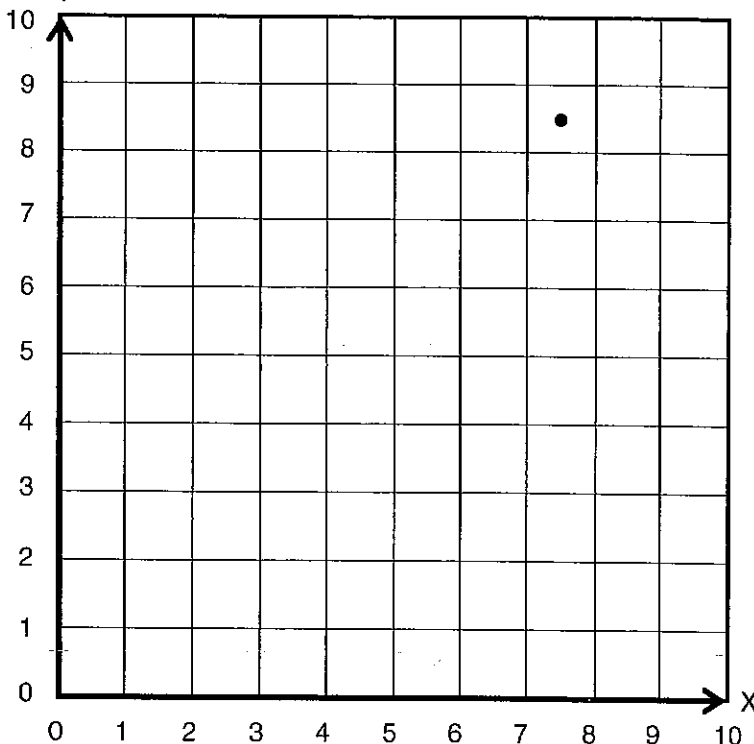


HW due 1/4/19

ALGEBRA ANTICS #19

Solve all the equations for the given variables. Put each answer in the blank in the ordered pair. Take the ordered pair for problem #1 and plot the point on the graph. The first number of the pair tells how far to move horizontally on the x-axis; the second number tells how far to move vertically on the y-axis. Next, plot the point for #2. Draw a line to connect the two points. Continue plotting each new point and connecting it to the preceding point until you reach the end. Connect the last point to the first point.



1. $2x - 1 = 7$ (__, 6)

8. $6r - 5 = 19$ (5, __)

15. $\frac{2u}{7} + 4 = 6$ (5, __)

2. $\frac{y}{5} + 3 = 4$ (2, __)

9. $50 = 2 + 8w$ (__, 4)

16. $9d - 41 = 22$ (2, __)

3. $23 = 9k - 4$ (__, 4)

10. $3x + 8 = 29$ (__, 5)

17. $7 = 5 + \frac{y}{4}$ (1, __)

4. $\frac{n}{2} + 14 = 16$ (4, __)

11. $19 = 4b - 13$ (8, __)

18. $8 + 6f - 3 = 11$ (__, 6)

5. $8 + 5c = 28$ (__, 2)

12. $\frac{z}{3} + 6 = 9$ (__, 8)

19. $19 - 8k = 3$ (__, 5)

6. $\frac{a}{3} + 9 = 11$ (__, 2)

13. $\frac{5x}{2} - 12 = 8$ (__, 9)

20. $12 = 4 + 3y - 7$ (5, __)

7. $3m + 2 = 17$ (__, 3)

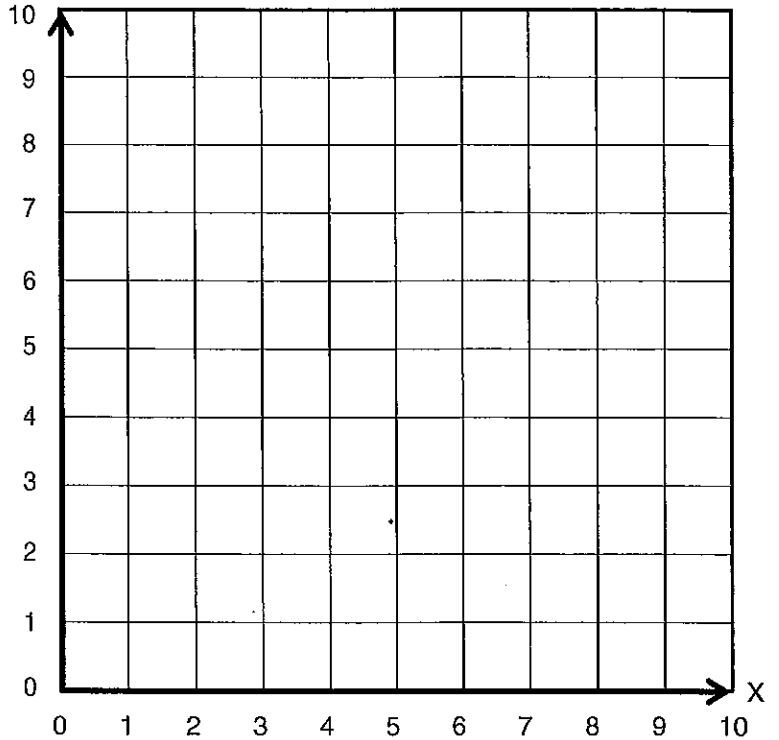
14. $100 = 19 + 9y$ (7, __)

21. $\frac{2x}{4} + 7 = 10$ (__, 6)

HW due 1/4/19

ALGEBRA ANTICS #20

Solve all the equations for the given variables. Put each answer in the blank in the ordered pair. Take the ordered pair for problem #1 and plot the point on the graph. The first number of the pair tells how far to move horizontally on the x-axis; the second number tells how far to move vertically on the y-axis. Next, plot the point for #2. Draw a line to connect the two points. Continue plotting each new point and connecting it to the preceding point until you reach the end.



- | | | | | | |
|---------------------------|------------|----------------------------|------------|-------------------------------|------------|
| 1. $8 = 6 + 2r$ | (__ , 1) | 8. $7 - \frac{3w}{6} = 5$ | (__ , 6) | 15. $8 + 2h = 24$ | (__ , 3) |
| 2. $7t - 20 = 1$ | (__ , 3) | 9. $18 - 3z = 3$ | (__ , 9) | 16. $\frac{2r}{3} + 3 = 7$ | (__ , 3) |
| 3. $7 = 3y - 5$ | (2 , __) | 10. $1 + 2f = 15$ | (6 , __) | 17. $23 - \frac{11c}{2} = 12$ | (6 , __) |
| 4. $5 - \frac{2p}{8} = 4$ | (3 , __) | 11. $\frac{n}{4} + 9 = 11$ | (__ , 8) | 18. $10 = \frac{3a}{4} + 7$ | (__ , 3) |
| 5. $4c + 3 = 27$ | (2 , __) | 12. $13 = 3d - 5$ | (7 , __) | 19. $y(2 + 2) = 8$ | (4 , __) |
| 6. $9 = 7d - 12$ | (__ , 6) | 13. $\frac{x}{3} + 7 = 10$ | (__ , 5) | 20. $35 = 12m - 1$ | (3 , __) |
| 7. $13 = 2g - 3$ | (3 , __) | 14. $4 = 9u - 32$ | (6 , __) | 21. $4e - 4 = 20$ | (__ , 6) |

Chapter Review Games and Activities

For use after Chapter 3

Cross Equation PuzzleSolve for x to complete the cross equation puzzle.

1	2	3		4	5
	6		7		
8			9		
10		11			12
				13	
	14				

Across

- $4x - 148 = 2x + 566$
- $3(x + 1) = 48$
- $\frac{x}{4} - 138 = 89$
- $7(x - 13) = 56$
- $5x - 3099 = 4027 - 2x$
- $4(x + 19) = 212$
- $2x - 8 = 3x - 467$

Down

- $2x - 83 = 35$
- $3(2x - 55) = 255$
- $212 - 3x = 53$
- $\frac{x}{4} + 135 = 342$
- $1506 - 2x = 3x + 646 - x$
- $8x - 153 - 3x = 237 + 3x$
- $\frac{x}{7} + 13 = 62$

WORKSHEET 40

NAME _____

(Use after page 93.)

**???? Trivia Question ????
Sports**

Name the eight original teams in the American Football League.

To check your answer:

- Simplify each expression.
- Then cross out each box containing an answer in the Decoder.
- The remaining letters spell out the teams' names.

- $8 + 3 \times 4$ _____
- $14 - 10 \div 5$ _____
- $16 + 12 \div 4$ _____
- $24 \times 6 \div 2$ _____
- $5 \times 10 - 3$ _____
- $34 + 2 \times 6$ _____
- $18 + 20 \div 5$ _____
- $40 \times 2 \div 8$ _____
- $35 \div 5 \times 8$ _____
- $66 + 24 - 10$ _____
- $47 - 12 + 20$ _____
- $(45 + 15) \div 10$ _____
- $89 \times (17 - 15)$ _____
- $20 \times (45 - 35)$ _____
- $56 + 10 \div 5 + 4$ _____
- $(32 + 8) \div 5 + 3$ _____
- $(32 + 8) \div (5 + 3)$ _____
- $30 + 8 \times 6 - 1$ _____
- $(30 + 8) \times 6 - 1$ _____
- $(30 + 8) \times (6 - 1)$ _____
- $25 \times 6 + 15 \times 6$ _____
- $25 + 15 \times 6$ _____
- $25 \times (6 + 15) \times 6$ _____
- $20 - (8 + 2) - 2$ _____
- $20 - (8 + 2) \div 2$ _____
- $(20 - 8) + 2 - 1$ _____
- $48 \div (2 + 4) \times 4 - 2$ _____
- $48 \div 2 + 4 \times 4 - 2$ _____
- $48 \div 2 + 4 \times (4 - 2)$ _____
- $36 + 18 \div 2 \times 6 - 3$ _____
- $(36 + 18) \div 2 \times (6 - 3)$ _____

DECODER

DAL 17	MIA 38	MI 227	LAS 9	DOLP 47	TEX 14	HINS 55	ANS 119	LOS 29	SAND 13	IEGO 62	ANG 191	ELES 17	CHAR 33	BLAZ 8	GRS 25
CHI 3150	HOU 21	CAGO 81	STON 29	BE 5	ARS 11	OIL 23	ERS 35	BOS 20	BUF 14	TON 178	FALO 21	BRA 77	BIL 40	VES 56	LS 49
NEW 33	JER 6	YORK 40	SEY 12	GENE 72	TIT 37	RALS 15	ANS 40	SAN 200	OAK 50	DIE 46	GO 30	LAND 57	RAI 37	CHAR 190	DERS 59
DAL 10	DEN 41	LAS 87	VER 7	COW 19	BRO 49	BOYS 115	NCOS 44	BOS 35	SEA 32	TILE 240	TON 41	MARI 80	PATR 50	NERS 22	IOTS 23

Answer: _____
