Name:

Incoming 8th grade ADVANCED ALGEBRA Summer Math Packet

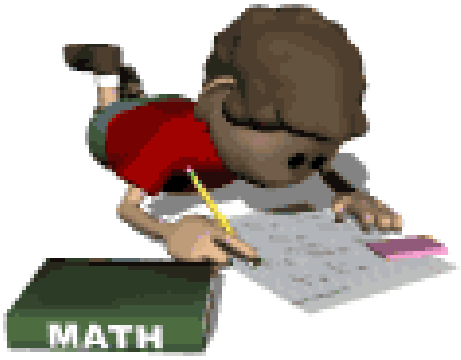
I know that you were worried about having to pass a whole summer without doing any math. Now you don't have to worry! ☺

This math packet will help you keep your math skills sharp, so that you don't go back to school in the fall and have to try to reach into the dusty recesses of your mind to find those math skills that you have been working so hard to develop this year.

This is excellent practice for your algebra course next year. It won't kill you to spend an hour each week keeping your math skills sharp. I will collect this, so don't wait until the end of August to get started. There is a key at the end, not for copying the answers, but rather for checking your work and helping you figure how to get an answer if you are stuck.

Enjoy your summer!

Mr. Kangas



"Who wrote the book 'Terrible Weather'?"

Solve for x. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $5x - 7 = 4x + 3$
2. $6 + 2x = 7x - 9$
3. $8x + 1 = -8 - x$
4. $-5 + 12x = 18x + 7$
5. $-4x + 3 = 5x - 13 - x$
6. $-10 - 11x + 24 = 3x$
7. $8 + 3x = x + 11 + 2x$
8. $5 + 17x + 9 = 2x + 21x + 14$
9. $6x + 8 - 13x + 10 = 4 - 6x - 11 + 4x$
10. $-14 + 5 - x - 3 = x + 6 + x + 3x$

B. 4

Y. No Solution

N. 10

I. –11

S. –2

P. –3

V. -7

E. 1

W. 5

F. –6

O. 3

A. –1

R. 2

W. 8

Y. –13

D. 0

9	3	7	1	6	8	5	2	10	4

"Who wrote the book 'The French Chef'?"

Solve for x. Make sure you simplify your answer. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $4(3x - 1) = 24$

2. $6x + 2(4x - 1) = 26$

3. $3(3x - 7) = -2(8 - 3x)$

4. $2x - (5x - 4) = 4(-x + 1)$

5. $-5(2x - 7) - x = 2(x + 2) - 8$

6. $3(7 - 9x) - 5(5x + 1) = -8(9x - 4)$

7. $7(-3x - 2) + 4(1 - x) = 9(2x - 5) - 3(3x - 5)$

T. $\frac{1}{3}$

U. $\frac{7}{3}$

S. $\frac{4}{5}$

B. 4

I. $\frac{2}{5}$

Y. 3

W. No Solution

A. 2

E. 0

M. $\frac{5}{13}$

L. $\frac{5}{3}$

F. $\frac{10}{17}$

C. $\frac{6}{7}$

6	1	4	7	3	2	5

"How do crazy people get through the forest?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $3x^2 + 7x - 5 + 2x^2$
2. $-2x^3 + 5x^2 + 8x^3 - 7x^2$
3. $-x + 9x^3 - 10x^4 + x^3 + 12x$
4. $15x^4 - 5x^3 - 8x^4 + x^2 + 9x^3$
5. $-7x^4 + 7x^5 - 7x^4 + 5x^5 - 12x^5$
6. $4x^5 - 3x^2 + 5x^4 - x^2 - 11x^5$
7. $-6x^2 + 11x + 13 - 7x + 8x^2 - 9$
8. $8x - 3x^5 - 3x + x^5 - 5x + 2x^5$
9. $10x^4 - 7x^3 - 6x^4 + x^2 - 4x^3 - 5x^2 + 3$
10. $5 + 3x^4 - 2x - 4x^3 + 8x^2$
11. $-11x^3 + 5x^3 - 2x^2 + 5x^2 + 7x^3 - 4x^2$

H. 0

P. $4x^4 - 11x^3 - 4x^2 + 3$

R. $-7x^5 - 2x^4 + 3x^2$

C. $5x^2 + 7x - 5$

S. $7x^4 + 4x^3 + x^2$

O. $x^3 - x^2$

U. $6x^5 - 14x^4$

E. $6x^3 - 2x^2$

Y. $-14x^4$

H. $2x^2 + 4x + 4$

M. $5x^2 + 7x - 8$

A. $-10x^4 + 10x^3 + 11x$

T. $3x^4 - 4x^3 + 8x^2 - 2x + 5$

N. $6x^3 + 4x^2$

K. $-7x^5 + 5x^4 - 4x^2$

D. $4x^4 - 11x^3 - 6x^2 + 1$

10	8	2	5		10	3	6	2		10	7	2
9	4	5	1	8	11		9	3	10	7		

Finish the sentence: "Where there's smoke, there's ....."

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $(2x + 5x^2) + (3x^2 + 7x)$

2. $(3x^2 - 7) - (5x^2 - 6)$

3. $(-4x^2 + 5x - 1) + (3x^2 - 6x + 8)$

4. $(8x^2 + 3x) - (5x^2 - 6x - 9)$

5. $(-6x^2 + 8) + (10 - 2x - 7x^2)$

6. $(3x - 4x^2 - 1) - (x^2 + 5)$

7. $(-2x + 3x^2) - (7x - 4) + (9x^2 - 3x)$

8. $(13x^2 - 5x) - (10x^2 - 2x) - (x - 3)$

9. $(7x^2 + 6x - 5) - (4x + 3) + (2x^2 - x)$

B. $8x^2 + 12x$

O. $-13x^2 - 2x + 18$

L. $3x^2 - 4x + 3$

A. $-2x^2 - 6$

I. $8x^2 + 9x$

P. $9x^2 + x - 8$

N. $12x^2 - 12x + 4$

S. $-x^2 + x - 7$

U. $3x^2 + 9x + 9$

R. $3x^2 + 8x + 1$

O. $-5x^2 + 3x - 6$

T. $-2x^2 - 1$

E. $-13x^2 - 2x + 24$

L. $-x^2 - x + 7$

W. $5x^2 + 3x - 12$

9	6	3	8	4	2	1	5	7

"Who wrote the book 'I Love Fractions'?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $x^2 \bullet x^4$
2. $x^5 \bullet x^6$
3. $(x^4)(x^3)(x^7)$
4. $(x^8)(x)(x^3)$
5. $(4x^3)(6x^7)$
6. $-2x(3x^{11})(5x^2)$
7. $(3x^2y)(-8x^3y^6)$
8. $(-2x^3y^9)(4y)(-3x^5)$
9. $(7x^4y)(-x^2y^2)(2xy)$
10. $(-2x)(-x^3y^3)(-7y^6)$
11. $(5x^2y)(x^2y^4)(-2xy^3)(3x^4y)$

L. $-14x^4y^9$

T. $24x^{10}$

A. $-14x^7y^4$

T. x^9

G. $12x^{13}$

N. x^{14}

R. x^{11}

J. $24x^7y^3$

I. $-24x^5y^7$

S x^6

P. $30x^8$

E. $-30x^{14}$

D. $-30x^9y^9$

X. $-14x^2y^8$

O. x^{12}

W. x^{20}

M. $24x^8y^{10}$

10	4	7	1	11	6	3	4	8	7	3	9	5	4	2

Finish the sentence: "No news is ....."

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $(x^3)^5$
2. $(x^4)^7$
3. $(x^2y^3)^4$
4. $(-2x^5y)^3$
5. $(x^3y^2)^3(xy^3)$
6. $(xy^5)^2(-x^4y^4)^4$
7. $(x^3)^6(x^7y^4)^2(x^3y)$
8. $(-xy)^3(2x^2y)^2$
9. $(3x^2y^4)^3(4xy^5)^2$
10. $(-2x^5y^2)^5(-3xy^7)^2(-x^4y)$

T. $-4xy^5$

P. $-4x^7y^5$

O. $-8x^{15}y^3$

W. $144x^6y^{14}$

E. x^{15}

M. $288x^{31}y^{25}$

L. $x^{10}y^9$

A. x^{13}

S. x^{28}

F. x^8y^4

B. $432x^8y^{22}$

I. $x^{35}y^9$

N. $8x^{15}y^6$

S. $x^{18}y^{26}$

D. x^5y^5

I. x^8y^{12}

7	10	8	4	2	6	3	9	5	1

"Who designed Noah's ark?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $(x + 2)(x - 7)$
2. $(x - 3)(x - 5)$
3. $(2x - 1)(3x + 2)$
4. $(3x + 4)(3x - 5)$
5. $(6x - 7)(8 - x)$
6. $(2x^2 - x)(3x + 1)$
7. $(5x + 7x^2)(6x - 4)$
8. $(x + 3)(x^2 - 2x + 1)$
9. $(x - 5)(3x^2 + 4x - 6)$
10. $(2x - 3)(-x^2 + 7x - 3)$

I. $3x^3 - 11x^2 - 26x + 30$

F. $21x^3 + 2x^2 - 20x$

T. $6x^3 - x^2 - x$

C. $9x^2 - 3x - 20$

S. $x^2 - 6x + 15$

N. $x^3 + x^2 - 5x + 3$

T. $x^2 - 5x - 14$

D. $9x^2 - 10x - 20$

A. $-6x^2 + 55x - 56$

K. $-2x^3 + 17x^2 - 27x + 9$

U. $6x^3 - 5x^2 - x$

E. $6x^2 + x - 2$

L. $2x^3 + x^2 - 4x + 1$

A. $x^2 - 8x + 15$

R. $42x^3 + 2x^2 - 20x$

B. $3x^3 - 11x^2 - 12x + 6$

Y. $-6x^2 + 5x - 56$

5	8	2	7	10	9	6	3	4	1

"What do you call an American drawing?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\frac{4x + 8}{2}$

2. $\frac{18x - 6}{6}$

3. $\frac{24x^3 + 28x^5}{4x^2}$

4. $\frac{40x^2y - 36xy^2}{4xy}$

5. $\frac{16x^4 - 12x^2 - 4x}{4x}$

6. $\frac{30x^4y^3 - 40x^2y^2 - 14xy}{2xy}$

7. $\frac{15x^3 - 27x^2 + 9x}{-3x}$

8. $\frac{x^5y^3 - 2x^4y^2 + x^3y}{-xy}$

D. $10x - 9y$

A. $15x^3y^2 - 20xy - 7$

O. $2x + 4$

Y. $-x^4y^2 + 2x^3y - x^2$

U. $4x^3 - 3x - 4$

R. $15x^3y^2 - 2xy - 9$

E. $4x^3 - 3x - 1$

N. $3x - 1$

S. $-5x^2 + 9x + 9$

K. $-5x^2 + 9x - 3$

T. $-x^4y^2 + 2x^2y^2 - x$

M. $10x - 3$

L. $6x + 7x^3$

C. $-7x^2 + 6x + 9$

B. 0

W. $x^4y^6 - x^3y^2 + xy$

8	6	2	7	5	5	4	1	1	4	3	5

"Where does a cow go on vacation?"

Factor the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $4x + 6$
2. $9x - 3$
3. $xy - 7x$
4. $6x^2 - 3x$
5. $6x^2 - 4x - 14$
6. $-16x + 12$
7. $18x^2 + 27x - 36$
8. $-5x^3 + 25x^2 - 5x$
9. $28x^5 - 35x^4 - 14x^3$
10. $-13x^2 + 7x - 3$

L. $2(x + 3)$

R. $2(3x^2 - 2x - 7)$

I. $3x(2x - 1)$

D. $3(x - 3)$

P. $x(y - 6)$

O. $-4(4x - 3)$

C. $-(13x^2 - 7x + 3)$

W. $-5x(x^2 - 5x + 1)$

G. $3x(x + 2)$

F. $7x^3(4x^2 - 5x - 2)$

O. $3(3x - 1)$

I. $2(2x + 3)$

B. $-4(x + 3)$

N. $x(y - 7)$

A. $9(2x^2 + 3x - 4)$

E. $2(x^2 - x - 6)$

U. $-x(10x^2 - 7x + 3)$

10	6	8	4	9	2	5	3	1	7

"How does a vampire like his food served?"

Factor the following expressions. Watch out for GCFs. If the expression can't be factored, then write "prime." The answer to each problem will match a letter that will allow you to figure out the joke.

1. $x^2 - 16$
2. $9x^2 - 121$
3. $12x^2 - 27$
4. $x^3 - 81x$
5. $4x^2 + 1$
6. $2x^2 - 50$
7. $x^2 - z^2$
8. $x^2y^2 - z^2$
9. $x^4 - 169$

A. $(x - y)(x + y)$

C. $(x - z)(x + z)$

N. $(x - 8)(x + 8)$

Z. $(x - 4)(x + 4)$

I. Prime

O. $(4x - 3)(4x + 3)$

T. $(3x - 11)(3x + 11)$

E. $x(x - 9)(x + 9)$

H. $(xyz - 1)(xyz + 1)$

B. $(x^2 - 13)(x^2 + 13)$

S. $3(2x - 3)(2x + 3)$

P. $(xy - z)(xy + z)$

R. $(x - 5)(x + 10)$

D. $2(x - 5)(x + 5)$

V. $(2x - 13)(2x + 13)$

9	5	2	4		3	5	1	4	6		8	5	4	7	4	3	

"What kind of birds do you usually find locked up?"

Factor the following expressions. Watch out for GCFs.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $5x^2 - 125$

2. $3x^2 + 18x - 48$

3. $x^4 + 13x^3 + 30x^2$

4. $x^2 - xy - 12y^2$

5. $4x^2 - 36$

6. $7x^2 - 98x + 343$

7. $2x^3 + 6x^2 - 108x$

8. $-4x^2 + 196$

9. $x^4y - 14x^3y^2 + 48x^2y^3$

V. $2(x - 18)(x + 3)$

I. $(x - 4y)(x + 3y)$

H. $x(x + 5)(x + 6)$

R. $x^2(x + 3)(x + 10)$

B. $x^2y(x - 6y)(x - 8y)$

E. $4(x + 2)(x - 7)$

S. $5(x - 5)(x + 5)$

D. $2x(x - 6)(x + 9)$

C. $3(x + 4)(x - 4)$

T. $(x - 2y)(x + 6y)$

L. $7(x - 7)^2$

A. $4(x - 3)(x + 3)$

J. $-4(x - 7)(x + 7)$

W. $7(x - 9)(x + 2)$

I. $3(x - 2)(x + 8)$

P. $2(x + 4)(x + 13)$

8	5	2	6	9	4	3	7	1

"What is the best thing to take into the desert?"

Factor the following expressions. Watch out for GCFs.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $33x^2 + 10x - 7$
2. $16x^2 + 38x + 12$
3. $12x^2 + 52x - 120$
4. $108x^2 - 6x - 30$
5. $60x^3 - 160x^2 + 100x$
6. $54x^2 - 9x - 84$
7. $52x^3 + 122x^2 + 66x$
8. $12x^2 - 42x - 24$

H. $6(9x - 5)(2x + 1)$

N. $(3x - 7)(11x - 1)$

I. $20x(3x - 5)(x - 1)$

K. $6(2x + 1)(x - 4)$

E. $4(x + 1)(4x + 3)$

S. $4(x + 6)(3x - 5)$

D. $(3x - 1)(11x + 7)$

Y. $2(6x - 5)(2x + 3)$

R. $2(x + 2)(8x + 3)$

G. $6(5x - 9)(x + 2)$

T. $2x(13x + 11)(2x + 3)$

C. $10x(30x - 10)(2x + 7)$

A. $3(3x - 4)(6x + 7)$

W. $3(4x - 3)(7x + 6)$

6	7	4	5	2	3	7	6	5	1	8	5	7

"What kind of pole is short and floppy?"

Factor the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $x^3 + x^2 + 2x + 2$

2. $x^3 + 5x^2 - 3x - 15$

3. $3x^3 - 3x^2 - x + 1$

4. $6 - x^2 + 2x^3 - 12x$

5. $3x^3 + 5x^2 + 12x + 20$

6. $12x^3 + 14x^2 - 18x - 21$

7. $8 + 6x^2 + 15x^3 + 20x$

8. $-80 - 24x + 110x^2 + 33x^3$

A. $(2x^2 - 3)(6x + 7)$

R. $(3x^2 - 4)(x - 5)$

L. $(x^2 + 4)(3x + 5)$

O. $(x^2 - 3)(x + 5)$

S. $(2x^2 + 3)(2x + 7)$

T. $(3x^2 - 1)(x - 1)$

E. $(x^2 + 2)(x + 1)$

H. $(x^2 - 3)(x + 3)$

P. $(3x^2 + 4)(5x + 2)$

A. $(x^2 - 6)(2x - 1)$

F. $(x^2 + 2)(x + 3)$

U. $(x^2 - 1)(x + 2)$

D. $(11x^2 - 8)(3x + 10)$

I. $(x^2 - 4)(x - 5)$

B. $(11x^2 - 8)(x + 8)$

$\overline{6}$ $\overline{3}$ $\overline{4}$ $\overline{8}$ $\overline{7}$ $\overline{2}$ $\overline{5}$ $\overline{1}$

"What do Scottish toads play?"

Factor the following expressions. Watch out for GCFs.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $x^4 - 16$

2. $10x^2 - 15x - 25$

3. $x^4 + 2x^2 - 3$

4. $162x^4 - 2$

5. $4x^4 - 101x^2 + 25$

6. $144x^2 - 6x - 60$

7. $5x^8 - 5$

8. $24x^4 + 30x^2 + 6$

N. $(x^2 + 4)(x + 2)^2$

C. $2(9x^2 + 1)(3x + 1)(3x - 1)$

H. $5(x^4 + 1)(x^2 + 1)(x + 1)(x - 1)$

R. $(10x - 1)(x - 25)$

E. $(x^2 + 3)(x^2 + 1)$

O. $(2x + 1)(2x - 1)(x + 5)(x - 5)$

P. $(x^2 + 3)(x + 1)(x - 1)$

A. $2(x^2 + 9)(x^2 + 3)$

T. $6(3x - 2)(8x + 5)$

F. $6(6x - 5)(4x + 1)$

C. $5(2x - 5)(x + 1)$

S. $6(4x^2 + 1)(x^2 + 1)$

H. $(x^2 + 4)(x + 2)(x - 2)$

V. $6(x^2 + 1)(x - 1)(x + 1)$

7	5	3		8	2	5	6	4	1

"What are little ghosts dressed in when it rains?"

Factor the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $12x^2 - 104x + 140$

2. $81x^4 - 1$

3. $x^3 + x^2 - x - 1$

4. $9x^4 - 82x^2 + 9$

5. $100x^2 - 4$

6. $9x^3 - 36x^2 - x + 4$

7. $70x^2 - 26x - 24$

8. $32x^3 + 96x^2 - 18x - 54$

A. $(x^2 + 9)(x + 3)(x - 3)$

L. $(3x + 1)(3x - 1)(x + 3)(x - 3)$

H. $4(5x + 1)(5x - 1)$

O. $(3x + 1)(3x - 1)(x - 4)$

T. $(x + 3)^2(x - 3)^2$

R. $4(x + 5)(x - 5)$

E. $4(x - 7)(3x - 5)$

S. $2(5x - 4)(7x + 3)$

U. $(9x^2 + 1)(3x + 1)(3x - 1)$

M. $2(35x - 3)(x + 4)$

H. $(x + 1)^2(x - 1)$

B. $4(3x - 35)(x - 1)$

P. $(x + 3)^2(x - 4)$

G. $2(4x + 3)(4x - 3)(x + 3)$

W. $9(3x - 5)(4x + 7)$

Y. $2(x^2 + 3)^2$

8	5	6	2	4	–	6	7	3	1	7

"What kind of food do math teachers eat?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\frac{6-x}{x-6}$

2. $\frac{9-x^2}{x+3}$

3. $\frac{4x^2+12x-112}{2x^2+2x-40}$

4. $\frac{10x^2+20x+10}{5x^2-5}$

5. $\frac{15+x-6x^2}{3x^2+4x-15}$

6. $\frac{x^4-13x^2+36}{3x^2+3x-18}$

7. $\frac{54-6x-4x^2}{4x^2-81}$

8. $\frac{3x^4-6x^2+3}{6x^2+12x+6}$

S. $\frac{-2(x-3)}{2x-9}$

U. $\frac{2(x+7)}{x+5}$

A. $\frac{-(2x+3)}{x+3}$

G. 1

D. $\frac{x+2}{x-1}$

L. -1

E. x^6

Q. $\frac{(x-1)^2}{2}$

W. $\frac{x-1}{4}$

M. $\frac{(x-3)(x+2)}{3}$

R. $-(x-3)$

T. $x+3$

E. $\frac{2(x+1)}{x-1}$

7	8	3	5	2	4	6	4	5	1	7

"Who invented King Arthur's round table?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\frac{14x^5 y^7}{28y^8}$

2. $\frac{12x^3 y^7}{3x^4y^6}$

3. $\frac{4x^2 (x + 2)}{2x + 4}$

4. $\frac{8x^6 (3x - 21)}{16x^7(x^2 - 49)}$

5. $\frac{27xy^3(x^2 - 1)}{3x^2y - 3xy}$

6. $\frac{20x^5(x^2 + 5x + 4)}{15x^7(x^2 + 6x + 8)}$

7. $\frac{36x^4 y^7(35 + 16x - 3x^2)}{54xy(3x - 21)}$

8. $\frac{84y^3(4 - x^2)}{35y^6(-4 + 4x - x^2)}$

9. $\frac{40x^6y(2x^2 + 12x + 18)}{125xy^7(x + 3)^3}$

I. $\frac{12(x + 2)}{5y^3(x - 2)}$

M. $\frac{3}{2x(x + 7)}$

E. $2x^2$

D. $3y^2(x - 1)$

F. $\frac{4(x + 1)}{3x^2(x + 2)}$

N. $\frac{4y}{x}$

C. $\frac{16x^5}{25y^6(x + 3)}$

R. $9y^2(x + 1)$

U. $\frac{x^5}{2y}$

S. $\frac{-2x^3 y^6(3x + 5)}{9}$

H. $\frac{2(x + 1)}{3x(x - 2)}$

W. $4x^3$

A. $\frac{4x^5}{5y^6(x + 3)}$

7	8	5	9	8	5	9	1	4	6	3	5	3	2	9	3

"What do you call a cat swear word?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\frac{4x - 24}{x^2 - 6x + 5} \div \frac{-6x + 36}{x^2 - 8x + 15}$

2. $\frac{16x^2 - 22x - 3}{7x^2 + 42x + 63} \div \frac{8x^2 - 23x - 3}{2x^2 - 18}$

3. $\frac{15x^2 + 5x - 50}{32x^2 - 18} \div \frac{x^2 - 5x - 14}{4x^2 + 9x - 9} \cdot \frac{6x - 42}{3x^2 + 4x - 15}$

4. $\frac{12x^2 - 44x + 7}{3x^2 - 48} \div 6x^2 + 11x - 2 \div \frac{1}{6x^2 - 12x - 48}$

5. $\frac{18x^2 - 12x + 2}{(x - 4)^2} \cdot \frac{4x^2 - 13x - 12}{80x^2 + 28x - 24} \div \frac{15 - 45x}{5x^2 - 22x + 8}$

M. $\frac{-(3x - 1)}{30}$

T. $\frac{2(x - 6)}{x - 1}$

U. $\frac{2(2x - 7)}{x + 4}$

O. $\frac{2x - 3}{(x + 3)(x - 3)}$

S. $\frac{-2(x - 3)}{3(x - 1)}$

E. $\frac{-2(2x - 3)}{7}$

C. $\frac{15}{4x + 3}$

H. $\frac{-2}{3}$

R. $\frac{-1}{15(4x + 3)}$

U. $\frac{2(2x - 3)}{7(x + 3)}$

A. $\frac{5}{4x - 3}$

D. $\frac{2x - 7}{x - 4}$

5	2	3	4	1

"What do you call an all girl musical group?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\frac{5x}{2} + \frac{7x}{4}$

2. $\frac{3}{7x} - \frac{5}{3x}$

3. $\frac{x}{2} + \frac{x+3}{3}$

4. $\frac{4}{x-1} - \frac{3}{x}$

5. $\frac{3}{x} + \frac{1}{x+2}$

6. $\frac{3}{x+1} - \frac{2}{x-3}$

7. $\frac{5}{x^2} + \frac{x+4}{x}$

8. $\frac{7}{6x} - \frac{x+4}{2x^2}$

9. $\frac{x+3}{x} - 1$

B. $\frac{3}{x}$

A. $\frac{-26}{21x}$

S. $\frac{13x}{7}$

R. $\frac{x+3}{x(x-1)}$

D. $\frac{17x}{4}$

O. $\frac{x^2+4x+5}{x^2}$

T. $\frac{6x}{4}$

N. $\frac{5x+6}{6}$

A. $\frac{4x+6}{x(x+2)}$

D. $\frac{2x-6}{3x^2}$

B. $\frac{x-11}{(x+1)(x-3)}$

9	4	7	2	1	6	5	3	8

"What pet makes the loudest noise?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\frac{3}{x+2} - \frac{2}{3x+6}$

2. $\frac{5}{4x-2} + \frac{1}{10x-5}$

3. $\frac{1}{x+4} + \frac{8}{x^2-16}$

4. $\frac{3}{x^2-3x+2} - \frac{3}{x-2}$

5. $\frac{x-3}{2x-1} + \frac{x+5}{2x^2+9x-5}$

6. $\frac{3}{x^2-4} + \frac{2}{x^2+5x+6}$

7. $\frac{x+2}{x^2-5x+4} - \frac{x}{x^2-3x-4}$

8. $\frac{3x-5}{18x^2-2} - \frac{x+2}{6x^2-22x-8}$

T. $\frac{x-2}{2x-1}$

P. $\frac{4x+2}{(x+1)(x-1)(x-4)}$

O. $\frac{5}{x+2}$

A. $\frac{1}{x-4}$

E. $\frac{7}{3(x+2)}$

S. $\frac{3x-1}{(x-4)(x-2)(x+1)}$

R. $\frac{-3}{x-1}$

T. $\frac{-11x+11}{(x-4)(3x-1)(3x+1)}$

M. $\frac{27}{10(2x-1)}$

U. $\frac{5x+5}{(x+2)(x+3)(x-2)}$

H. $\frac{10x}{x^2-16}$

D. $\frac{3}{(x-2)(x-3)(x+2)}$

3	8	4	6	2	7	1	5

"Who wrote the book 'It Is a Bird, It Is a Plane'?"

Solve for x. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $(x + 5)(2x - 3) = 0$
2. $(3x + 1)(7x - 2) = 0$
3. $(5x - 3)(3x - 2)(4x - 7) = 0$
4. $6x^2 + 7x - 5 = 0$
5. $50x^2 - 2 = 0$
6. $9x^2 + 6x + 1 = 0$
7. $24x^2 - 14x - 5 = 0$
8. $7x^3 - 26x^2 + 15x = 0$
9. $72x^3 - 98x = 0$

R. $\left\{\frac{1}{2}, \frac{-5}{3}\right\}$

P. $\left\{\frac{5}{7}, 0, 3\right\}$

D. $\left\{\pm\frac{3}{4}\right\}$

E. $\left\{-5, \frac{3}{2}\right\}$

U. $\left\{\frac{3}{5}, \frac{2}{3}, \frac{7}{4}\right\}$

S. $\left\{0, \pm\frac{7}{6}\right\}$

N. $\left\{\frac{-1}{3}\right\}$

A. $\left\{\frac{2}{7}, \frac{-1}{3}\right\}$

I. $\left\{\frac{1}{3}, \frac{-1}{6}\right\}$

E. $\left\{\pm\frac{1}{5}\right\}$

Y. $\left\{\frac{-1}{2}, 6\right\}$

M. $\left\{\frac{5}{6}, \frac{-1}{4}\right\}$

T. $\left\{\pm\frac{1}{3}, 0\right\}$

W. $\left\{\frac{1}{4}, \frac{1}{3}, \frac{2}{7}\right\}$

9	3	5	8	1	4	7	2	6

"What do you call a people trap operated by a mouse?"

Solve for x. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $x^2 + 3x = 28$

2. $4x^2 = 81$

3. $x + 3 = 14x^2$

4. $2x^2 + 5x = x^2 - 4x + 10$

5. $x^3 - 3x = x$

6. $4x^2 + 2x - 7 = -3x^2 - 2$

7. $x^2 = 3(5x + 18)$

8. $3(2x - 7) + 2x(x - 3) = -3$

Y. $\{18, -3\}$

W. $\{-3, 2\}$

D. $\{\pm 3\}$

E. $\{4, -7\}$

M. $\left\{\frac{1}{7}, -4\right\}$

N. $\{-10, 1\}$

I. $\{0, \pm 2\}$

O. $\{\pm 9\}$

T. $\{2, -24\}$

A. $\left\{\frac{5}{7}, -1\right\}$

V. $\{\pm 5\}$

S. $\left\{\pm \frac{9}{2}\right\}$

L. $\left\{\frac{1}{2}, \frac{-3}{7}\right\}$

8	5	2	4	1	7	3	6	4	8

"What do you call a funny book about eggs?"

Solve for x. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $x^2 + 3x - 7 = 0$
2. $x^2 - 11x + 2 = 0$
3. $3x^2 - 6x - 1 = 0$
4. $-5x^2 + 4x + 2 = 0$
5. $2x^2 + x + 9 = 0$
6. $-2x^2 + 8x = 5$
7. $4x^2 = 7x - 2$
8. $6x^2 - 13 = 8x$

L. $\frac{-3 \pm \sqrt{37}}{2}$

B. $\frac{7 \pm \sqrt{17}}{8}$

O. $\frac{3 \pm 2\sqrt{3}}{3}$

K. $\frac{4 \pm \sqrt{6}}{2}$

Y. $\frac{4 \pm \sqrt{94}}{6}$

E. $\frac{-3 \pm \sqrt{19}}{2}$

K. $\frac{2 \pm \sqrt{14}}{5}$

A. $\frac{11 \pm \sqrt{113}}{2}$

S. $\frac{-11 \pm \sqrt{91}}{2}$

O. No real solution

R. $\frac{3 \pm 4\sqrt{2}}{3}$

2	8	5	1	6	7	5	3	4

"Who wrote the book 'California Cities'?"

Solve for x. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $x^2 = 16$

2. $(x - 3)^2 = 25$

3. $(x + 4)^2 = 16$

4. $(x - 5)^2 = 12$

5. $x^2 + 4x = 4$

6. $x^2 + 6x = 15$

7. $x^2 - 10x = -8$

8. $x^2 - 7x = 1$

9. $x^2 + 3x = 2$

Y. $-3 \pm 2\sqrt{6}$

H. $5 \pm \sqrt{2}$

A. $\frac{7 \pm \sqrt{53}}{2}$

O. ± 4

G. $0, -8$

T. $4, -8$

D. $5 \pm \sqrt{17}$

S. $\frac{-3 \pm \sqrt{17}}{2}$

E. $2 \pm \sqrt{3}$

Y. $5 \pm 2\sqrt{3}$

I. $-3 \pm \sqrt{3}$

N. $8, -2$

W. $\frac{-6 \pm \sqrt{11}}{2}$

A. $-2 \pm 2\sqrt{2}$

9	5	2	7	4	8	6	3	1

"What do you get when you cross a bear with a skunk?"

Solve for x. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\frac{2}{x+3} + \frac{3}{x} = \frac{10}{x^2+3x}$

2. $\frac{4}{x-2} - \frac{2}{x^2-4} = \frac{6}{x+2}$

3. $\frac{4}{x^2+4x-5} + \frac{7}{x+5} = \frac{5}{x-1}$

4. $\frac{x}{x-2} + \frac{3}{x-1} = 1$

5. $\frac{x}{x^2-6x-7} - \frac{1}{x+1} = \frac{4}{x^2+4x+3}$

6. $\frac{4}{x^2-9} - \frac{2}{x+3} = \frac{3}{2x-6}$

7. $\frac{6}{x^2+8x+12} + \frac{4}{x+6} = \frac{4}{x+2}$

R. $\frac{2}{3}$

H. 14

W. No Solution

D. 1

E. 9

T. $\frac{1}{5}$

A. 0

S. $\frac{4}{7}$

N. $\frac{11}{7}$

P. $\frac{8}{5}$

O. 8

I. $\frac{-49}{3}$

Y. $\frac{1}{5}$

7	5	6	6	5	2	1	3	2	4	3	2	7

"What Disney movie is about a tall-tale-telling royal?"

Write the following equations into slope-intercept form: $y = mx + b$.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $3y = 6x - 9$
2. $4y = 2x + 12$
3. $-5y = 3x - 25$
4. $7x + y = 3$
5. $4x - 2y = 3$
6. $5x + 6y = 4$
7. $-2x + 3y = 18$
8. $6x - 20 = -2y$

I. $y = -7x + 3$

S. $y = \frac{1}{5}x + 5$

N. $y = 2x - 3$

R. $y = 2x + 6$

G. $y = \frac{-5}{6}x + \frac{2}{3}$

T. $y = 2x + 3$

K. $y = \frac{2}{3}x + 6$

A. $y = -3x + 7$

I. $y = \frac{-3}{5}x + 5$

E. $y = \frac{-1}{6}x + \frac{1}{3}$

N. $y = \frac{1}{2}x + 3$

O. $y = -7x + 5$

L. $y = -3x + 10$

Y. $y = 2x - \frac{3}{2}$

8	5	3	1	7	4	2	6

"What do you get when you cross a bunny and some cheese?"

Find the slope between the following set of points.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. (4,7) and (6,11)
2. (2,4) and (3,–2)
3. (–5,–8) and (–2,4)
4. (–6,5) and (0,5)
5. (3,–12) and (–8,–7)
6. (7,0) and (–1,–4)
7. (–9,3) and (–9,–7)
8. (2,–15) and (20,–3)
9. (–1,–1) and (15,–4)
10. (34,–12) and (56,–23)

H. $\frac{-5}{11}$

S. $\frac{1}{4}$

T. 4

A. 0

V. $\frac{-1}{2}$

O. –5

R. $\frac{1}{2}$

L. 2

I. –6

T. Undefined

B. $\frac{2}{3}$

E. $\frac{-3}{16}$

N. $\frac{4}{3}$

3	5	9		10	9	1	10	9	9	7	4

6	4	8	8	2	7

Finish the sentence: "Don't bite the hand that ....."

Write an equation for a line given the slope and one point on that line.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $m = 2$ and the point $(3,-7)$

2. $m = 5$ and the point $(-2,5)$

3. $m = -3$ and the point $(-4,6)$

4. $m = \frac{1}{3}$ and the point $(9,-7)$

5. $m = \frac{5}{2}$ and the point $(-4,-1)$

6. $m = \frac{-2}{7}$ and the point $(7,8)$

7. $m = 0$ and the point $(3,-3)$

8. m = undefined and the point $(-5,11)$

9. $m = \frac{1}{4}$ and the point $(2,3)$

10. $m = \frac{-1}{3}$ and the point $(5,-4)$

N. $y = -3x + 1$

O. $y = \frac{1}{3}x - 10$

L. $y = -3$

M. $y = 2x - 7$

I. $y = -3x - 6$

S. $y = \frac{-2}{7}x + 10$

D. $y = \frac{-1}{3}x - \frac{7}{3}$

C. $y = 6$

R. $y = \frac{5}{2}x + 9$

T. $y = 2x - 13$

Y. $x = -5$

E. $y = 5x - 8$

K. $y = \frac{1}{4}x + \frac{5}{2}$

O. $y = 5x + 15$

U. $y = \frac{1}{3}x + 3$

7	4	2	9	6	10	3	5	1	8

"What is the name of Sitting Bull's daughter?"

Write an equation for a line given two points on that line.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. (4,3) and (5,6)
2. (–6,2) and (–4,–1)
3. (–9,5) and (–4,–5)
4. (13,7) and (20,–7)
5. (–1,3) and (–4,–6)
6. (–4,–12) and (0,–8)
7. (–1,1) and (3,–2)
8. (–7,11) and (–1,–1)

A. $y = -2x + 5$

I. $y = \frac{-3}{2}x - 7$

T. $y = 3x + 1$

F. $y = -2x + 33$

M. $y = -2x - 3$

D. $y = x + 2$

S. $y = 3x + 6$

H. $y = 3x - 9$

R. $y = \frac{2}{3}x - 2$

I. $y = x - 8$

C. $y = \frac{-3}{4}x + \frac{1}{4}$

W. $y = -4x - 3$

E. $y = -2x - 13$

V. $y = \frac{-3}{4}x + 4$

J. $y = -2x - 15$

8	2	5	7	1	6	3	4

"What do mechanics charge to fix tires?"

Solve the systems of equations by graphing.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $y = -3$
   $y = -2x + 1$

2. $y = 2x + 7$
   $x = -3$

3. $y = x + 3$
   $y = 2x$

4. $y = -x + 2$
   $y = 3x - 2$

5. $y = x - 4$
   $y = -x$

6. $3x + 2y = 6$
   $x + 3y = 9$

7. $2x - 5y = -1$
   $3x - 4y = 2$

8. $-2x + y = -9$
   $x - 3y = 2$

A. (2,–2)

D. (3,3)

T. (–3,1)

I. (4,–2)

R. (2,1)

E. (1,1)

N. (2,0)

W. (0,0)

F. (5,1)

A. (2,–3)

M. (2,–5)

L. (0,3)

J. (5,5)

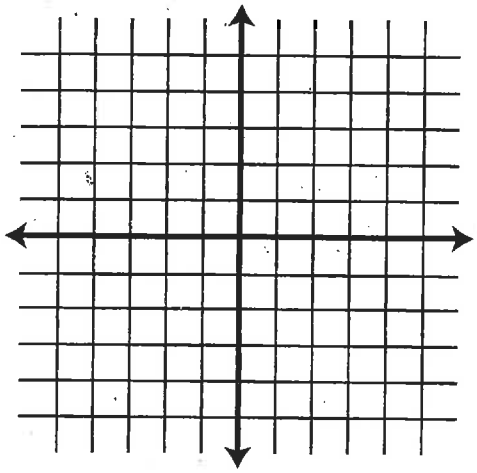
T. (3,6)

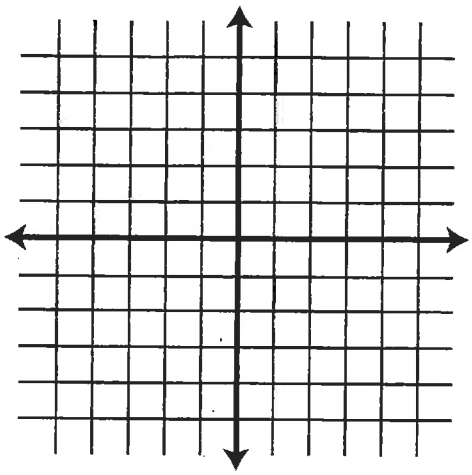
Y. (–8,4)

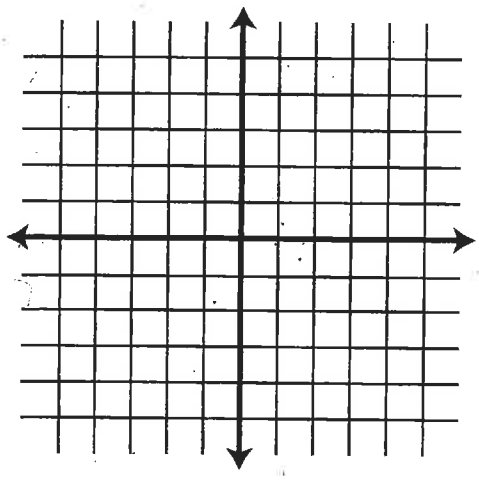
___ ___ ___ ___ ___ ___ ___ ___ ___

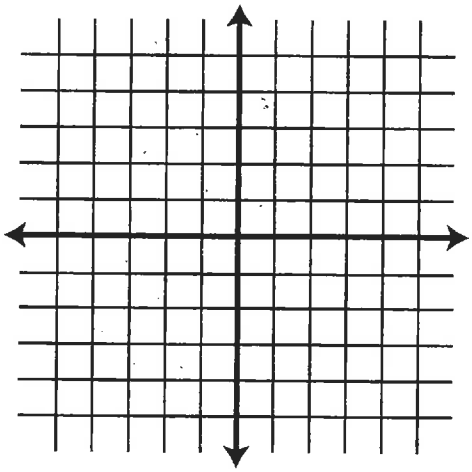
1 8 6 5 3 7 5 2 4

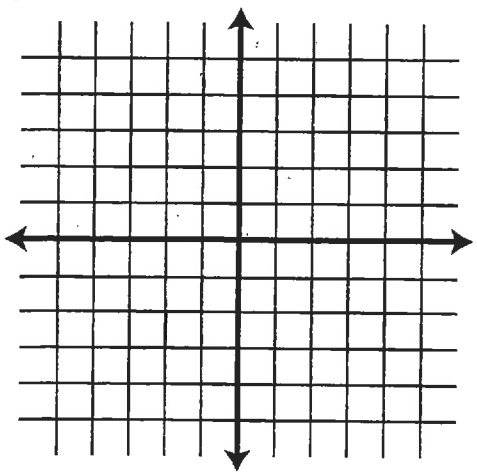
Graph Paper

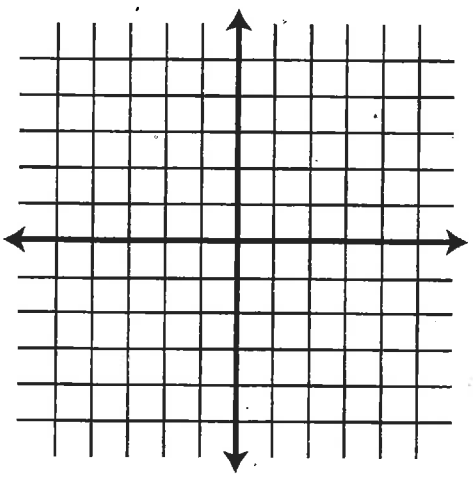












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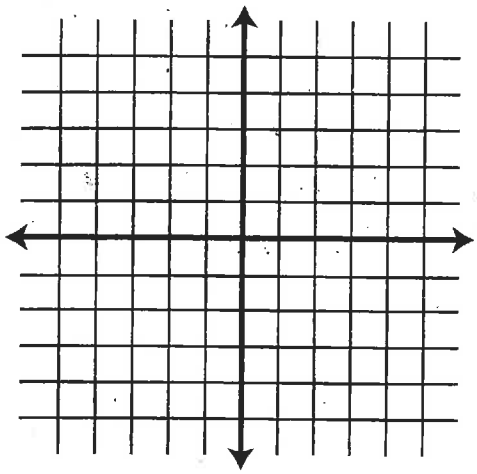

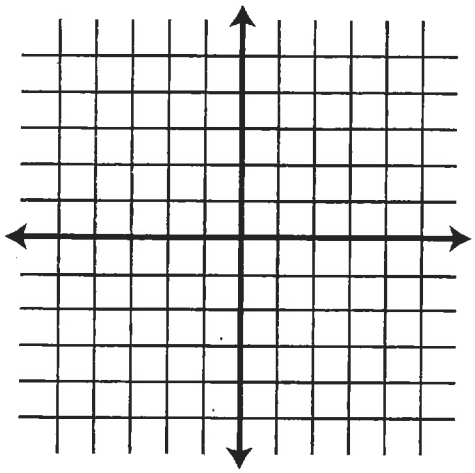

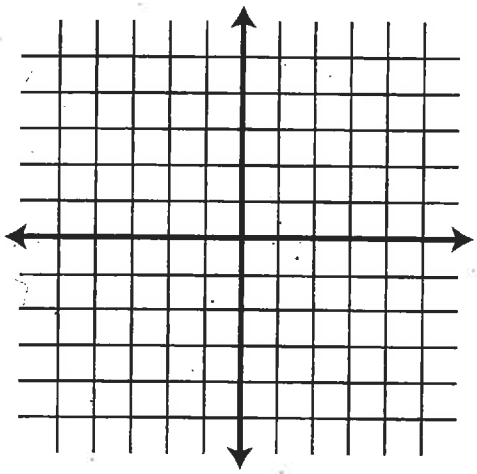

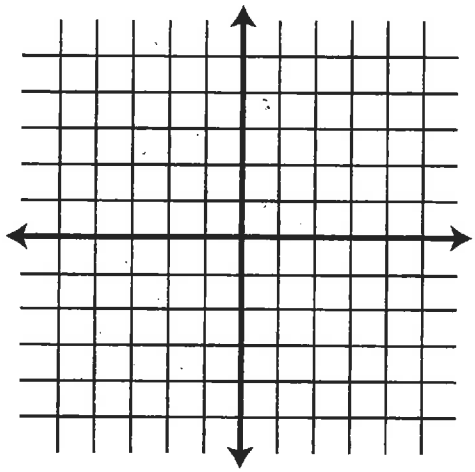

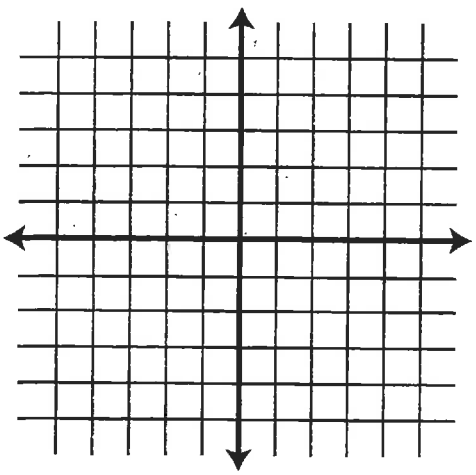

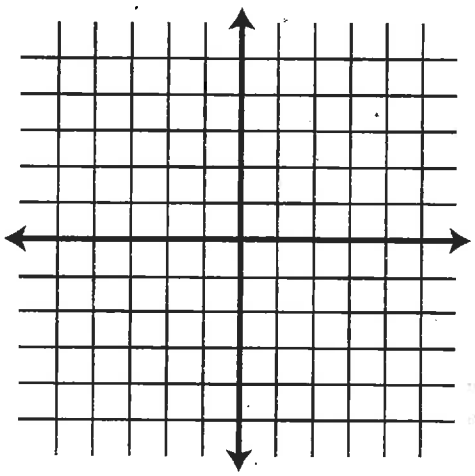

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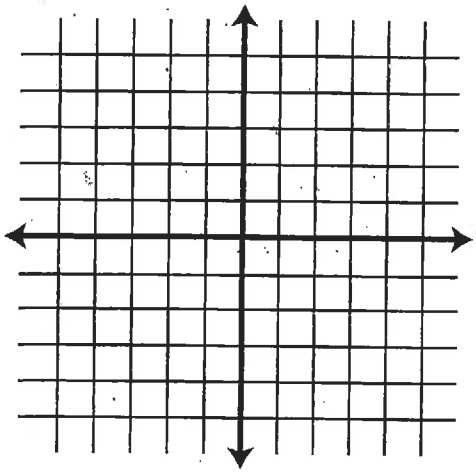
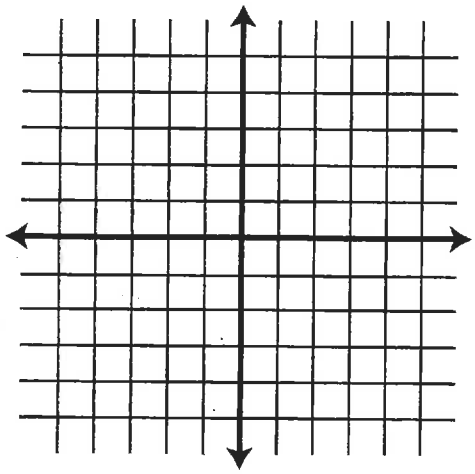
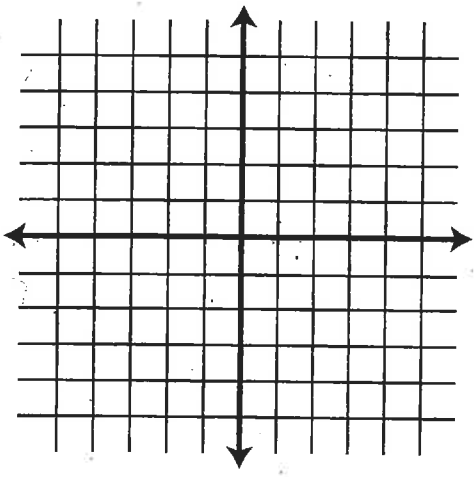
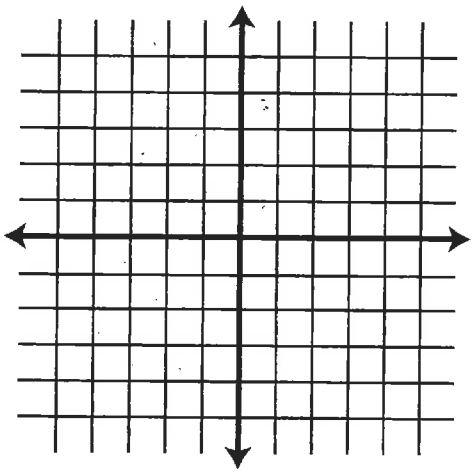
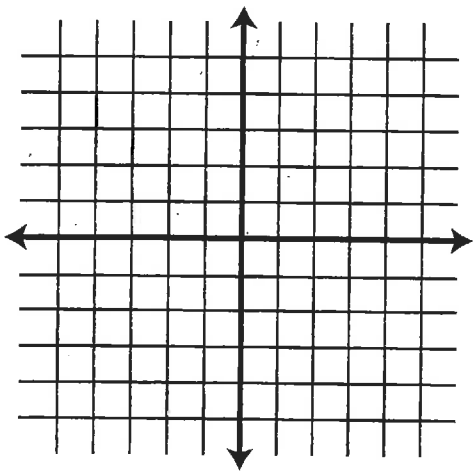
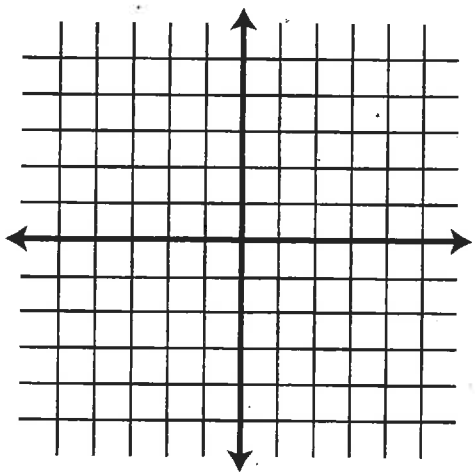




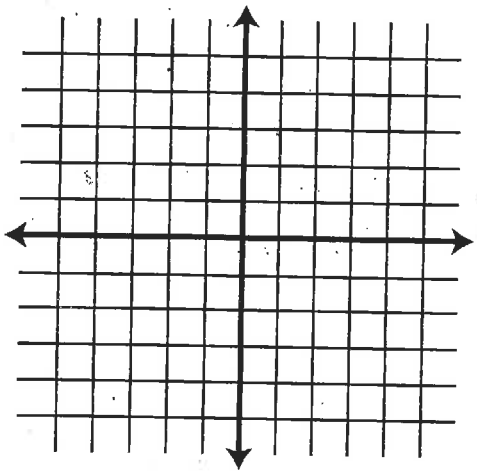


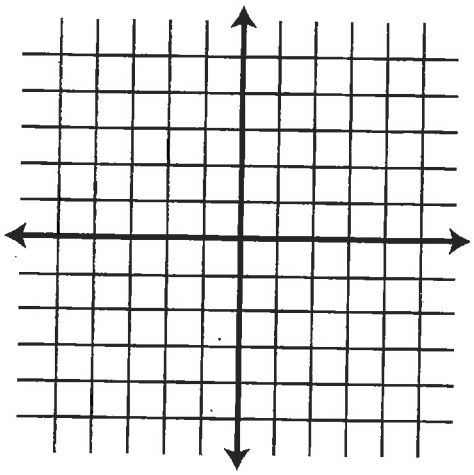


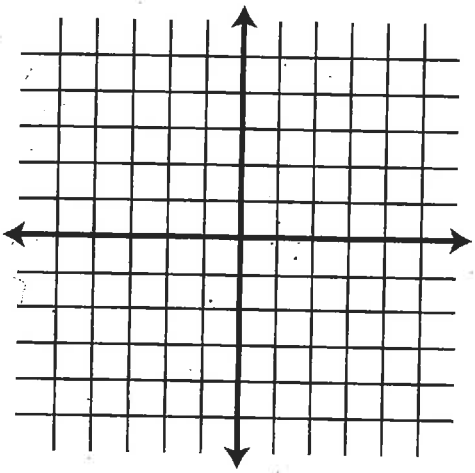


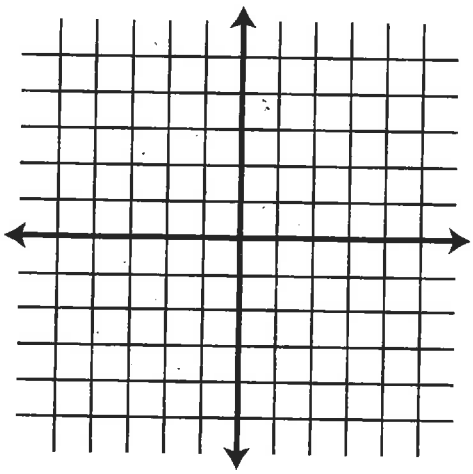


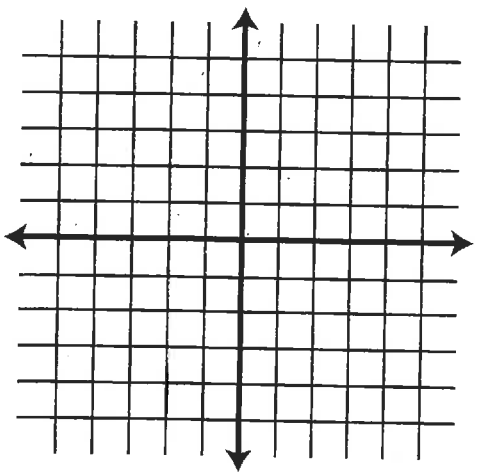
Graph Paper

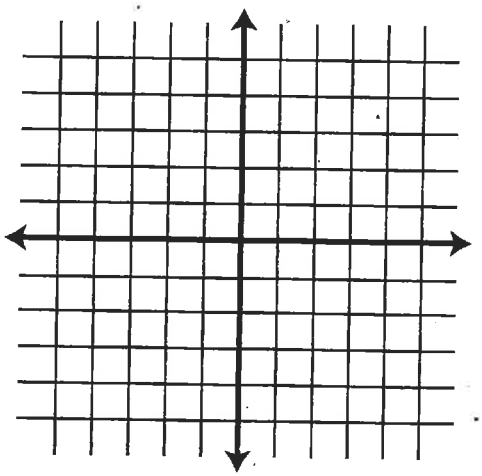




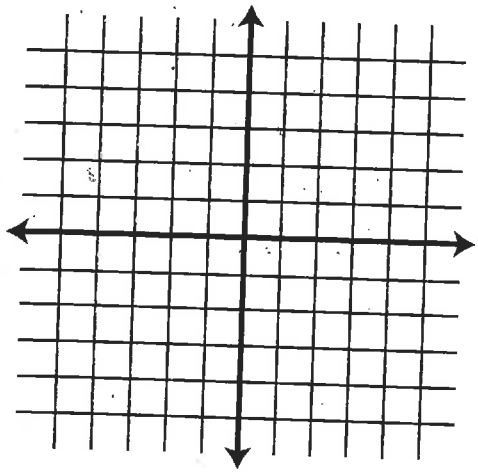


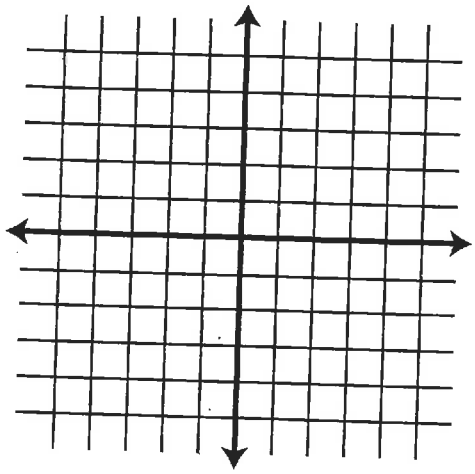


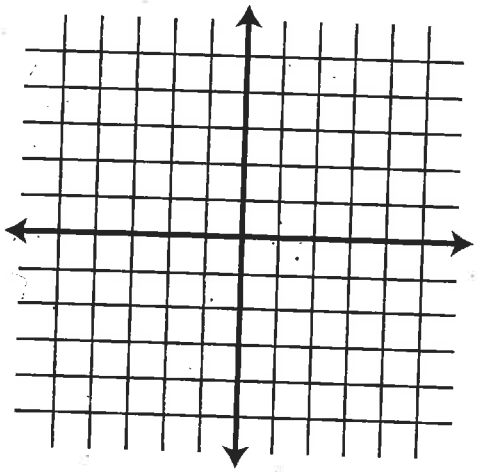


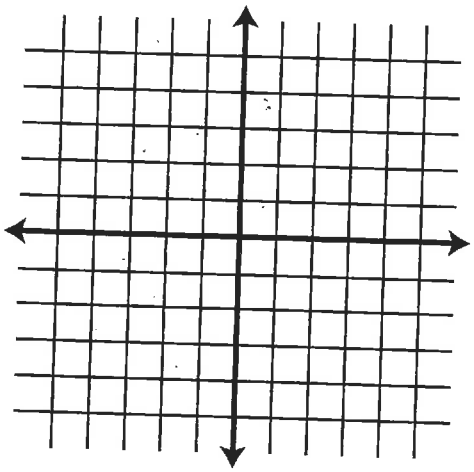


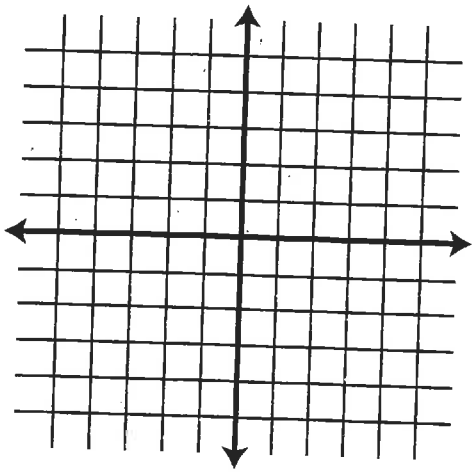
Graph Paper

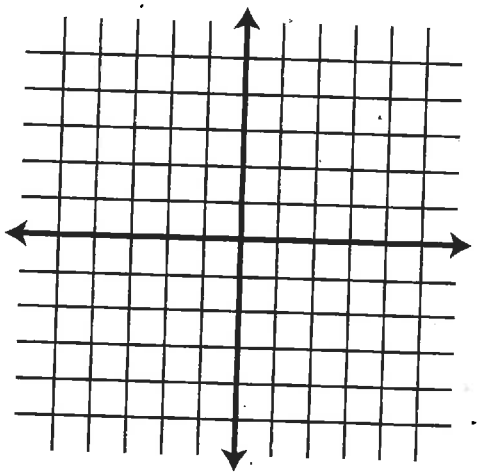












"What Disney movie is about a stupid boyfriend?"

Solve the systems of equations using the substitution method.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $2x + 3y = 10$
   $y = -x + 2$

2. $x = 4y - 7$
   $3x = 2y - 1$

3. $4x - y = 7$
   $y = 3x$

4. $5y - 6 = x$
   $y = -x$

5. $x - 2y = 1$
   $y = x + 2$

6. $x = -2y + 6$
   $3x - 18 = -6y$

7. $6x - 2y = 7$
   $y - 3x = -6$

8. $x - 7y = 19$
   $5x = -2y - 16$

U. (1,2)

O. (–5,0)

B. (7,21)

W. (0,0)

D. (–2,–3)

A. (–1,1)

Y. (–1,4)

E. (–4,6)

M. (–5,–3)

I. (7,3)

U. No Solution

N. (–4,5)

S. (–3,2)

B. All real numbers on the line: $y = \frac{-1}{2}x + 3$

V. (2,2)

F. (–3,13)

__ __ __ __ __ __ __ __

8 2 5 6 3 1 4 7

"What is the politically correct phrase for 'detention'?"

Solve the systems of equations using the addition method.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $3x - 4y = 13$
   $2x + 4y = 2$

2. $x - 3y = 5$
   $-x + 5y = 7$

3. $y = -3x + 8$
   $y = 3x - 4$

4. $2x - 3y = 19$
   $18x + 3y = 21$

5. $x + 3y = 15$
   $x + y = 1$

6. $x - 7y = 42$
   $x + 6y = 3$

7. $y = 4x - 5$
   $y = 3x + 7$

8. $6x + 4y = 16$
   $-2x + 4y = -16$

W. (12,6)

T. (2,–5)

O. (3,4)

L. (–6,7)

Y. (3,–1)

U. (–5,2)

N. (6,8)

I. (23,6)

E. (21,–3)

S. (21,5)

X. (4,–2)

D. (12,43)

A. (2,2)

C. No Solution

M. (22,2)

H. (3,43)

6	8	2	4		7	6	5	3	1	6	7	

"What do you call a missing golf accessory?"

Solve the systems of equations using the addition method.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $3x + y = 6$
   $5x - 2y = 10$

2. $4x - 3y = 6$
   $x + 2y = -15$

3. $x - 2y = 5$
   $3x + 8y = 1$

4. $3x - 5y = 22$
   $6x - 7y = 38$

5. $-5x + 3y = 6$
   $3x - 2y = -3$

6. $6x - 7y = 8$
   $-5x + 2y = 1$

7. $9x - 2y = 4$
   $7x - 3y = -7$

8. $3x + 5y = 5$
   $-9x + 7y = 7$

E. (–3,–3)

O. (0,3)

I. (2,6)

T. (2,0)

A. (0,1)

R. (–3,2)

B. (–1,–2)

E. (–3,–6)

D. (8,–1)

S. (4,–2)

C. (–1,3)

N. (3,–1)

Y. (4,4)

E. (2,7)

W. No Solution

J. (–3,7)

_____ _____ _____ _____ _____ _____ _____ _____

8 6 4 7 3 1 2 5

"What kind of flowers grow in between your nose and your chin?"

Solve the systems of equations using the addition method.
The answer to each problem will match a letter that will allow you to figure out the joke.

1. $3y = 2x - 17$
   $5x + 6y = 2$

2. $6x + 7y = 4x + 3$
   $4x - y = 21$

3. $3(x - 2y) = -30$
   $-4(2x - 5y) = 104$

4. $4y - \frac{1}{2}(10x - 8) = 10$
   $\frac{3}{4}(8x - 12y) = -3$

5. $4(2x - 3) = 3(y + 2) - 5$
   $5(x - 2y) + 3x = 6$

6. $\frac{5}{6}(12x - 18) = 4y + 21$
   $4\left(\frac{3}{2}y - \frac{3}{4}\right) = 7x - 9$

N. (7,0)

O. (0,-3)

S. (4,-3)

E. (2,10)

Y. No Solution

L. (-2,-1)

R. (-2,4)

I. (5,-1)

P. (2,1)

M. (6,3)

U. (2,6)

D. (3,8)

T. (6,6)

C. (0,0)

G. (6,8)

6	3	4	2	5	1

"What bird spends all his time on his knees?"

Solve for x. Cross out the letter that matches your answer. The remaining letters will allow you to figure out the joke.

1. $3x - 1 \geq 8$

2. $-4x + 3 < 19$

3. $6 - x < 7$

4. $-5x - 20 \geq 30$

5. $4x + 3 < 5x + 6$

6. $x + 7 > 4x + 10$

7. $5x + 8 - 7x \geq 12$

8. $-4x + 11 + x < -1$

9. $-4(x - 5) > -24$

10. $-(x + 6) - 2x \geq 12$

H $x > -3$	B $x \leq 21$	U $x > 4$	I $x > 9$	M $x > -4$
R $x \geq 18$	W $x < 11$	D $x \geq 13$	O $x < 2$	N $x \leq -2$
A $x \geq 3$	F $x > 0$	G $x > -1$	P $x \leq 7$	R $x \leq 1$
I $x < -1$	E $x > 3$	Y $x > 5$	S $x \leq -10$	T $x \leq -6$

"What driver doesn't have a license?"

Simplify the following radicals. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\sqrt{28}$
2. $\sqrt{99}$
3. $\sqrt{432}$
4. $2\sqrt{27}$
5. $3\sqrt{98}$

N. $6\sqrt{6}$
R. $12\sqrt{3}$
T. $3\sqrt{33}$
E. $21\sqrt{2}$
B. $14\sqrt{2}$

A. $7\sqrt{2}$
O. $2\sqrt{3}$
R. $3\sqrt{11}$
I. $2\sqrt{7}$
C. $6\sqrt{3}$

---

6. $\sqrt{x^2}$
7. $\sqrt{x^3y^4}$
8. $\sqrt{x^6y^7}$
9. $\sqrt{8x^5}$
10. $\sqrt{25xy^3}$
11. $2x\sqrt{9x^3}$

W. $5y\sqrt{xy}$
Y. $x^3y^2\sqrt{x}$
U. $xy\sqrt{xy}$
V. $xy^2\sqrt{x}$
F. $4x^2\sqrt{x}$
E. $x^3y^3\sqrt{y}$

R. x
D. $2x^2\sqrt{2x}$
K. $18\sqrt{x}$
J. $x\sqrt{x}$
S. $6x^2\sqrt{x}$
H. $5\sqrt{xy}$

$\sqrt{11}$	$\sqrt{4}$	$\sqrt{2}$	$\sqrt{5}$	$\sqrt{10}$	$\sqrt{9}$	$\sqrt{6}$	$\sqrt{1}$	$\sqrt{7}$	$\sqrt{8}$	$\sqrt{3}$

Joke #68

Radicals: Simplifying Radicals

"What has one foot on each side and one in the middle?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\sqrt{3} + 4\sqrt{3}$
2. $5\sqrt{2} - 3\sqrt{2}$
3. $\sqrt{12} + 7\sqrt{3}$
4. $3\sqrt{2} - \sqrt{8}$
5. $\sqrt{16} + \sqrt{32}$
6. $\sqrt{18} + \sqrt{20}$
7. $-\sqrt{24} + 4\sqrt{6} - \sqrt{54}$
8. $3\sqrt{50} - 4\sqrt{72} + 3\sqrt{8}$
9. $2\sqrt{75} + \sqrt{125} - 3\sqrt{27} + 4\sqrt{45}$

C. $-\sqrt{6}$

O. $6\sqrt{3}$

T. $2\sqrt{2}$

N. $3\sqrt{3}$

K. 2

D. $-3\sqrt{2}$

U. $3\sqrt{2}$

I. $4 + 4\sqrt{2}$

R. $5\sqrt{3}$

M. $\sqrt{2} + \sqrt{5}$

W. $4 + \sqrt{2}$

A. $9\sqrt{3}$

S. $3\sqrt{2} + 2\sqrt{5}$

Y. $\sqrt{3} + 17\sqrt{5}$

9	3	1	8	6	2	5	7	4

"What kind of can never needs a can opener?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\frac{1}{\sqrt{5}}$
2. $\frac{2}{\sqrt{3}}$
3. $\frac{6}{\sqrt{2}}$
4. $\frac{10}{\sqrt{5}}$
5. $\frac{1}{2\sqrt{2}}$
6. $\frac{\sqrt{7}}{\sqrt{3}}$
7. $\frac{2\sqrt{3}}{\sqrt{10}}$
8. $\frac{3\sqrt{21}}{\sqrt{7}}$

A. $3\sqrt{2}$

T. $\frac{\sqrt{2}}{2}$

I. $2\sqrt{5}$

C. $\frac{\sqrt{30}}{5}$

S. $3\sqrt{6}$

E. $\frac{\sqrt{5}}{5}$

L. $\frac{\sqrt{2}}{4}$

N. $\frac{2\sqrt{3}}{3}$

O. $\frac{\sqrt{5}}{3}$

A. $\frac{\sqrt{21}}{3}$

P. $3\sqrt{3}$

R. $5\sqrt{2}$

3	8	1	5	4	7	6	2

Answers to the Algebra Joke Worksheets

Joke #1: Crib Notes
Joke #2: Independent
Joke #3: Dreadlocks
Joke #4: Scholarship
Joke #5: Eggplants
Joke #6: An Udder Failure
Joke #7: They Have No Point
Joke #8: Microscope
Joke #9: Owl-Gebra
Joke #10: Alligators
Joke #11: Avoidable
Joke #12: Sherbet
Joke #13: By Norse Code
Joke #14: A Brick Layer
Joke #15: An Eskimoo
Joke #16: A Box of Quackers
Joke #17: Dick Tater
Joke #18: The Three Arrrs
Joke #19: Ivan Alibi
Joke #20: Wayne Drops
Joke #21: Russel D. Bag
Joke #22: Sue Flay
Joke #23: Plastic Surgery
Joke #24: They Take The Psycho Path
Joke #25: Pollution
Joke #26: Lois Denominator
Joke #27: Impossible
Joke #28: Musketeers
Joke #29: An Ark-itect
Joke #30: James Pond
Joke #31: Yankee Doodle
Joke #32: Cowifornia
Joke #33: Bite Sized Pieces
Joke #34: Cowculus
Joke #35: Fowl Play
Joke #36: Jail Birds
Joke #37: By Hareplane
Joke #38: A Thirst Aid Kit
Joke #39: A Tadpole
Joke #40: Hop-Scotch
Joke #41: Ghoul-oshes
Joke #42: Juve-niles
Joke #43: Square Meals
Joke #44: Sir Circumference
Joke #45: A Dead Parrot
Joke #46: Mucus
Joke #47: A Cowculator
Joke #48: Broadband
Joke #49: A Trumpet
Joke #50: He Sold His Soul To Santa
Joke #51: Sue Perman
Joke #52: Disneyland
Joke #53: A Yolk Book
Joke #54: Sandy Aygo
Joke #55: Vitamin
Joke #56: Winnie The Phew
Joke #57: Lyin' King
Joke #58: The Velveeta Rabbit
Joke #59: Looks Dirty
Joke #60: Mischief
Joke #61: A Flat Rate
Joke #62: Dumb Beau
Joke #63: Exit Delayed
Joke #64: Absentee
Joke #65: Tulips
Joke #66: Detergents
Joke #67: Bird of Prey
Joke #68: Screwdriver
Joke #69: Baking Soda
Joke #70: Yardstick
Joke #71: A Pelican
Joke #72: In A Dictionary