What Did People Say After Two Satellite Dishes Got Married?

A. 512	B. $\frac{1}{512}$	E. -512	L. $-\frac{1}{512}$	I. 625
T. $\frac{1}{625}$	E. $-\frac{1}{625}$	D. 1	T. $\frac{1}{81}$	N. $-\frac{1}{81}$
U. $\frac{5a}{b^3}$	W. $\frac{125}{a^3b}$	D. $\frac{ab^3}{125}$	H. $\frac{16}{b^8}$	S. $\frac{a}{16b^8}$
W. $\frac{k^5}{7n^2}$	L. $\frac{n^2}{49k^5}$	G. $\frac{1}{343n^2}$	D. $\frac{n^2}{98k}$	U. $-\frac{n^2k^5}{98}$
O. 343	E. $\frac{1}{343}$	A. -343	H. $-\frac{1}{343}$	T. 400
E. $\frac{1}{400}$	A. $-\frac{1}{400}$	S. 1	E. $\frac{1}{256}$	I. $-\frac{1}{256}$
T. $\frac{9a}{b^2}$	E. $\frac{81}{a^2b}$	T. $\frac{ab^2}{81}$	W. $\frac{64}{b^{10}}$	R. $\frac{a}{64b^{10}}$
G. $\frac{k^8}{6n^3}$	N. $\frac{n^3}{36k^8}$	C. $\frac{1}{216n^3}$	R. $\frac{n^3}{144k}$	P. $-\frac{n^3k^8}{144}$

THE WEDDING WAS DULL BUT THE RECEPTION WAS GREAT.

11.7

What Is Special About a Radioactive Cat?

1. 3.45×10^6		
2. 7.7×10^{-4}		
3. 7	13. 7.2×10^4	
4. 11	14. 7.2×10^{12}	
5. -5	15. 7.2×10^{-7}	
6. -11	16. 4.19×10^7	
7. $380{,}000$	17. 4.19×10^{-3}	
8. 0.000038	18. 4.19×10^{-11}	
9. $38{,}000{,}000$	19. 2.22×10^4	
10. $62{,}500$	20. 2.22×10^7	
11. 0.00625	21. 5.4×10^{-5}	
12. 0.0000000625	22. 5.4×10^{-14}	

IT HAS EIGHTEEN HALF LIVES

11.8

Why did the math student choose for his computer password: MICKEYMINNIEGOOFYPLUTO?

He heard that it had to have at least four characters.

extra for teachers

What Did Mr. Cabinetmaker Say To Mrs. Cabinetmaker?

D. x^3	E. $\frac{1}{x^3}$	F. x^6
E. $12x^5$	D. $\frac{14}{x^2}$	T. $\frac{30}{x^{12}}$
I. $-10x^5$	N. $\frac{8}{x^6}$	E. $-45x^3$
O. -36	W. $\frac{30}{x^4}$	N. $-\frac{64}{x^8}$
R. $18a^5b^5$	O. $-\frac{8b^{11}}{a^2}$	F. $\frac{48b^{13}}{a}$
O. $20a^4b^7$	R. $48b^3$	H. $12a^3$
S. $\frac{12a^3}{b^7}$	U. $-\frac{20b^6}{a}$	O. $-\frac{100}{a^{12}b^3}$
E. $-\frac{49}{a^6b^3}$	M. $\frac{18}{a^3b^{17}}$	R. $-8a^6b^8$
E. 6×10^7	O. 3.6×10^5	V. 7.2×10^{-7}
S. 2.4×10^8	H. 2.5×10^{-6}	R. 2.4×10^{-10}
E. 3.6×10^4	S. 7.2×10^{-19}	
U. 1.5×10^8	L. 1.6×10^{13}	

WE NEED TO FIND MORE HOURS FOR OUR SHELVES

11.9

Answers
Pages 11.7 – 11.9

How Did the Absent-Minded Professor Burn His Ear?

E. n^7	**N.** $49d^2$
N. n^{10}	**H.** $64d^6$
H. $\frac{1}{n^{10}}$	**S.** $-64d^6$
A. n^{39}	**A.** $\frac{1}{64d^6}$
O. $\frac{1}{n^4}$	**O.** $25d^8$
I. $\frac{1}{n^{16}}$	**E.** $-64d^7$
E. n^{76}	**H.** $\frac{1}{81d^{29}}$
I. $x^{10}y^8$	**N.** $36m^{14}t^8$
N. $1000x^5y^6$	**R.** $27m^6t^4$
H. $-x^9y^{24}$	**W.** $16m^4t^6$
E. $x^{12}y^{10}$	**G.** $-225m^7t^{12}$
G. $81y^2$	**N.** $\frac{256}{m^4t^4}$
T. $\frac{81y^{12}}{x^2}$	**P.** $30m^2t^2$
W. $-\frac{125x^8}{y^{13}}$	**R.** 1

HE WAS IRONING WHEN THE PHONE RANG

11.10

How Would You Describe a Window in the Kitchen Eating Area?

1. $\frac{a^5}{3}$	**2.** $\frac{2}{5a^7}$	**7.** $\frac{1}{x^2y^3}$	**8.** $\frac{x^4y^7}{27}$
3. $-\frac{1}{8a^7}$	**4.** $\frac{2}{a^9}$	**9.** $\frac{3}{x^7y^3}$	**10.** $-\frac{12y^3}{x^7}$
5. $\frac{2a}{3}$	**6.** $\frac{125}{a^9}$	**11.** $\frac{4x^2}{25y^8}$	**12.** $\frac{25y^8}{4x^2}$

13. $\frac{9t^{12}}{4m^2}$ **14.** $\frac{4m^2}{9t^{12}}$

15. $\frac{t^{21}}{64m^9}$ **16.** $\frac{1}{27m^{11}t^5}$

17. $-4m^4t^4$ **18.** $\frac{16m^{24}}{t^{20}}$

19. 3×10^{-4} **20.** 5×10^{11}

21. 1.8×10^{-5} **22.** 5×10^{-9}

23. 3×10^{11} **24.** 4.5×10^{-5}

25. 2.5×10^5

26. 2.7×10^5

EXTRA: 3.125 days

A PANE IN THE NOOK

11.11

For Whom Was Mr. Bachelor Rabbit Searching?

I. $5n^5$	**E.** $18n^5$	**15.** $18n^5$	**5.** $15n^9$		
T. $-\frac{24}{n^3}$	**S.** $15n^9$	**1.** $-\frac{24}{n^3}$	**9.** $5n^5$		
O. $3x^5$	**H.** $-\frac{6}{x^2}$	**17.** $5x^8$	**13.** $3x^5$		
U. $5x^8$	**A.** $\frac{1}{3x^3}$	**10.** $\frac{1}{3x^3}$	**2.** $-\frac{6}{x^2}$		
E. $30c^3d^5$		**20.** $12c^5d^4$			
Y. $12c^5d^4$		**7.** $30c^3d^5$			
T. $36c^7d^7$		**12.** $36c^8d^9$			
S. $36c^8d^9$		**4.** $36c^7d^7$			
N. $\frac{16t^{12}}{a^4}$	**A.** $\frac{81a^8}{t^{12}}$	**3.** $\frac{81a^8}{t^{12}}$	**11.** $\frac{64t^{18}}{a^6}$		
L. $\frac{64t^{18}}{a^6}$	**M.** $\frac{729t^{12}}{64a^6}$	**18.** $\frac{16t^{12}}{a^4}$	**14.** $\frac{729t^{12}}{64a^6}$		
P. $\frac{30x^4}{y^5}$		**8.** $-\frac{30x^6}{y}$			
N. $64x^3y^4$		**16.** $64x^6y^{10}$			
C. $-\frac{30x^6}{y}$		**6.** $\frac{30x^4}{y^5}$			
B. $64x^6y^{10}$		**19.** $64x^3y^4$			

THAT PERFECT SOMEBUNNY

11.13

Why Were the Bones Chasing the Skull?

E. 5.9×10^{12} mi

T. 6.02×10^{24} kg

A. 1.28×10^{-10} m

H. 9.1×10^{-28} g

O. 7.25×10^6	**A.** 7.25×10^4	
E. 3.83×10^{-3}	**T.** 3.83×10^{-5}	
A. 6×10^{15}	**D.** 1.3×10^8	**H.** 10
D. 1.9×10^4	**Y.** 6.4×10^{-6}	**N.** 1000
E. 9.9×10^{-11}	**T.** 3.5×10^{12}	**E.** 10,000
T. 6.84×10^{-3}	**W.** 4×10^3	**G.** 2

THEY WANTED TO GET A HEAD

11.12

Answers
Pages 11.10 – 11.13