

Why are obtuse angles never invited to trivia night?

20 12 10 7 14 2 17 6 3

8 16 11 1 5 9 13 4 18 19 15

Factor each problem and find its matching answer in the answer box. Decode the answer to the riddle using the letter of the answer associated with each problem. Blank boxes are "spaces".

1. $5x - 35$	2. $3x^2 + 27x$	3. $-10x^2 + 60x$
4. $4x^5 + 12x^3$	5. $-9x^4 - 6x^3$	6. $5x^2 - 20x + 10$
7. $50x^2 + 60x - 30$	8. $18x^3 - 24x^2 - 21x$	9. $5x^3 - 3x^2$
10. $3x^2y + 5xy^2$	11. $12x^3y^2 - 16xy$	12. $5x^2 - 15y$
13. $x^3 - x^2 + 2x - 2$	14. $12y^3 - 9y^2 + 4y - 3$	15. $3x^3 - 4x^2 + 9x - 12$
16. $5y^3 - 10y^2 + 3y - 6$	17. $35xy - 5x - 56y + 8$	18. $12xy - 28x - 15y + 35$
19. $8x^3 - 64x^2 + x - 8$	20. $25y^3 + 5y^2 + 30y + 6$	21. $12x^3 + 2x^2 - 30x - 5$

	$x^2(5x - 3)$	y	$10(5x^2 + 6x - 3)$		$(3y^2 + 1)(4x - 3)$	n	$3x(6x^2 - 8x - 7)$	o	$3x(x + 9)$
e	$(5x^2 + 3)(y - 2)$	u	$(3x - 5)(4y + 7)$	e	$5(x - 7)$	g	$(4x - 5)(3y - 7)$	r	$(x^2 + 2)(x - 1)$
	$-10x(x - 6)$	v	$4xy(3x^2y - 4)$	b	$(5y^2 - 1)(5y - 6)$	f	$(5x^2 - 2)(x + 3)$	h	$(8x^2 + 1)(x - 8)$
t	$(5y^2 + 6)(5y + 1)$	t	$(x^2 + 3)(3x - 4)$	r	$-3x^3(3x + 2)$	i	$4x^3(x^2 + 3)$	c	$-3(3x + 1)$
m	$3x(4x^2 - 7x - 6)$	e	$5(x^2 - 4x + 2)$	h	$5(x^2 - 3y)$	r	$(5x - 8)(7y - 1)$	e	$xy(3x + 5y)$