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Your location: <u>Assessments</u> > <u>ST Factoring practice Q 19,20,21,22,23,24,25</u> > <u>Assessment Manager</u> > **ST Factoring practice Q 19,20,21,22,23,24,25**

View Attempt 1 of Unlimited

Name: Quintilities \(\frac{1}{2} \)

Title: ST Factoring practice Q 19,20,21,22,23,24,25

Started: April 20, 2008 9:45 PM Submitted: April 20, 2008 10:26 PM

Time spent: 00:40:51

Total score: 14/15 = 93.3333% | Adjust total score by: 0.0

Update Grade Reset Attempt Cancel

1. General 11

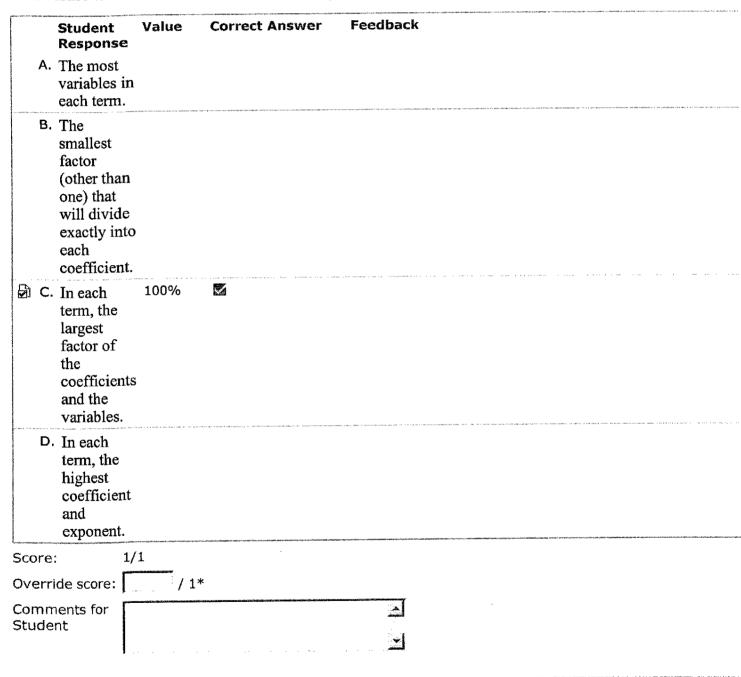
Which of the following statements is true?

Army America - Million - Williams	Student Response	Value	Correct Answer	Feedback
Sp A	You should try to simplify both sides of an equation before solving it.	100%		
В	You should never simplify in an equation that you are going to solve.			
C	If you are going to solve an equation, you must simplify something first.			
D	You should solve the equation before trying to simplify the expressions.			

Score:	1/1
Override score:	/ 1*
Comments for Student	A
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2. General 13

When asked to find the GCF of 2 or more terms, you should be looking for what?



3. General

What should the FIRST step be when asked to factor a polynomial?

Student Value Correct Answer Feedback

ī				
		Response		
N)		Look for the greatest common factor of all the terms.	100%	Z
		Look for 2 factors the equals the last coefficient that also adds up to the middle coefficient.		
		Multiply the first coefficient with the last coefficient.		
		Look for product of 2 factors that equals the leading coefficient.		
Sco	re:	1/1	<u>[</u>	
Ove	rric	le score:	/ 1*	
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4. GCF 2

What is the GCF of the following expression: 12x + 16y

	Feedback	Correct Answer	Value	Student Response	
			100%	4	à А.
	у достигности на настроине на на на на на настроине на настроине на настроине на настроине на настроине на настроине на на			xy	В.
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			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12	D.
doc-willian h			1		D. core:

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Student	

5. GCF 8

What is the GCF of the following expression: $24x^2y^3 - 32x^3y^4$

	Student Response	Value	Correct Answer	Feedback
₽ A.	$8x^2y^3$	100%	Z	
В.	$12x^3y^4$		and the second s	
C.	$6x^3y^3$			
D.	$4x^2y^3$	e .	VV . s. c. rayya ing yan cing ci yan ma yaninginin — nying miningini, miningka mi	
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6. GCF and or Bi 9

Student

Factor completely: $20x^2 - 9x - 18$

			Correct Answer	Feedback
B. (4	(x-6)(5x+3)	nood-urnoorrenoomaan oruu, mide	_{res} et a _{res} , _e et <u>deligned group of</u> page appearance and a recommendation and are the effect as a	TO SEASON AND AND AND AND AND AND AND AND AND AN
c. (1	0x-3)(2x+6)	compagnition of production from full seconds	elegia dia Mantanta (mari Esperia) (mari Anni Angree elegia elegia dia Antana (mari Anni Anni	
D. (4	(x-3)(5x+6)	ab	on ann ann ann ann ann agus dhibh dhabharach a a chairt a the ann ann ann ann ann ann ann ann ann an	
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7. GCF and or Bi 3

Factor completely: $8x^2 + 4x + 6$

Student Response Value Correct Answer Feedback

W. M. W.	S)	Α.	2(4.	x ² +	2x+1	3)	100%	2
***				www.mage.com	green green was observed to			
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- B. $4(4x^2+x+2)$
- C. (2x+3)(4x+2)
- D. 2(2x+3)(2x+1)

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	š	

8. Identify 1 Bi 2

Identify a factor of this trinomial: $3x^2 + 11x - 4$

		Student Response	Value	Correct Answer	Feedback
	Α.	(3x + 4)			
£	βВ.	(3x-1)	100%	<u>V</u>	
	c.	(3x-4)	a an annual desirence of		
1	D.	(x-A)	The second of th	kajawasa sa milingan profesionalia ili ili maja ali milinga sa milinga sa milinga sa milinga sa milinga sa mili	on a graph grant with the contract form to the contract which is the contract with t

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9. Identify 1 Bi 6

Identify a factor of this trinomial: $9x^2 + 3x - 20$

Student Response	Value	Correct Answer	Feedback
A. $(9x+5)$			
$B \cdot (3x - 5)$	0%	yay ya anabi ya ili isaba makanda ka a sarata ili makan kada a da sarata sarata ka sarata ka sarata sarata sar	
c. $(3x+4)$	wheelstates represent money to the ter-	. The common of a state of a common state of the common state of t	
D. $(3x-4)$	garan kan ngayan sakkan kan sakkatan na tanga kan na		

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10. Reduce 4

***************************************	Student Response	Value	Correct Answer	Feedback
∄ A.	x+5	100%		
	$\overline{x-3}$			
В.	11x + 5			
	-5x - 3			
c.	2x + 1	, , , , , , , , , , , , , , , , , , ,		
	$\overline{x-3}$			
D,	x+5			
	$\frac{1}{x+3}$			

Comments for Student

11. Reduce 5

Simplify: $\frac{3x^2 - 4x + 1}{x^2 - 2x + 1}$

	Student Response	Value	Correct Answer	Feedback
Α.	3x + 1			
	$\overline{x+1}$			
	3x - 4	and the second second second second	The state of the s	and the second of the second o
	$\overline{x-2}$			
园 C.	3x - 1	100%		- The state of the
	$\frac{1}{x-1}$			

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

Score:

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Comments for Student

12. Solve by fact easy 3

Solve: $x^2 + 10x - 24 = 0$

s	tudent Response	Value	Correct Answer	Feedback
Α. χ	x = -12 and $x = -2$			
В. д	x = 8 and $x = -3$			
∂ C. ₃	x = -12 and $x = 2$	100%	S	
D. 3	c = 6 and $x = 4$	anteriorderiore e del describe al Viscoleta e del Vide de de	n (ggyragy nepu cagog na wenneun neu ronnelle hafden a t-ai	
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Commen Student	its for	and the second s		

13. Solve by fact hard 5

Solve: $10x^2 + 9x - 9 = 0$

Student Response	Value	Correct Answer Feedback
$x = \frac{3}{4} \text{ and } x = -\frac{3}{4}$	3 100%	
S	2 	
$x = -\frac{3}{5} \text{ and } x = \frac{3}{5}$	$\frac{3}{2}$	
$x = -\frac{5}{3} \text{ and } x = \frac{5}{3}$	2 3	
$x = \frac{5}{2}$ and $x = -\frac{2}{3}$		
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Score:

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Comments for Student		
		•

14. Solve by fact hard 2

Solve: $6x^2 - 5x + 1 = 0$

	Student Response	Value	Correct Answer	Feedback
Α.	x = -3 and x = -2			
₽∄ в.	$x = \frac{1}{3} \text{ and } x = \frac{1}{2}$	100%	M	Account to the second of the s
C.	$x = -\frac{1}{3}$ and $x = -\frac{1}{2}$	The control of the co		
D.	x = 3 and $x = 2$	West states and the second		
Score:	1/1	Andrew Antonio (1975) and an analysis and analysis and analysis and an analysis and an analysis and an analysis	n - man Androni (man carantagung ngang ngang nga 1 na paga 1 ngang 1 na bang na manananang ngang	
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15. Factor by group

Comments for Student

Factor completely: am + 5a + 3m + 15

Student Response	Value 100%	Correct Answer	Feedback
	10070	B ₁ 62.1	
B. $(a+1)(m+15)$			The second secon
c. $(am+3)(ma+5)$	of of occupies on a price white	Maria and Maria () () () () () () () () () (e engles y sylable and malignesses and the definition of the english of the engli
D. $(a+5)(m+3)$	1. 75 ° W. M. Williams and a A	tier in een de tellike titele vinte en gest voorziet en ze te zoon ze zoon ze voorziet voorziet voorziet ze voorziet.	and the second s
Score: 1/1	V	Her heart are the strain of all and profile over the minimum had clade hely july are an	
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Audit comments will only be saved when a grade change has been made.

*Scores will be rounded to 4 decimal places.

	Update Grade	Reset Attempt	Cancel
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