Curriculum | Navigator | Assignments | Usage | Clone

- Curricula
  - CLOSED
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    - 2017: RSM Olympiad
    - 2018: RSM Olympiad
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        - Grade 3
        - Grade 4
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ID	Prt#	Text
941690	1	What number is covered?
941694	2	How many cuts does Bobby make to split his bro
941687	3	How much does one bunny weigh?
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941699	13	Bailey is making festive cookie bags. She tried to
941700	14	There were two competitions in a puzzle tournam

Asset Content | Answers | Solutions | Timestamps | Save | Cancel

Winnie-the-Pooh had only one full jar of honey left. The other jars were empty. Trying to find the full jar, Winnie broke one-third of his empty jars. Now, he has 37 jars left (one of them is full of honey). How many jars did he break?

Preview Edit

Answer: Winnie-the-Pooh broke {{regular: 18}} jars. Edit

Alternative

Load in GraphEditor

Add Hint

Add Step-by-step Solution

Attach Example

Add Sub-Problem

Properties

Problem

ID:	941695
Author:	{tbd:author}
Source:	
Difficulty:	{{33}}
Difficulty Level:	
Discuss In Class:	
Out Loud:	
Printed Number:	9
Summary:	
Original File:	
Original Number:	
All SubProblems Required:	
Origin Asset ID:	935562 show
Required Asset ID:	none edit

-- List Sub-Problems to use in Lesson Plan (i.
-- or leave it blank to use all Sub-Problems
Lesson Plan Sub-Problems:

Tags:	
Learning Tags:	2 Learning Ta
Pre Required Tags:	0 Pre Require
Audience:	

Preview | Search | History | Tag Report | Step-by-step

Create Step-by-step Solution:

Step 1:

2+2={{4}}

Edit
Remove

Add step

Save Cancel

W.Paste B I x^2 X_2 PRE H3 H4(bold)

Ins... JSON/NORMAL

2+2={{4}}

OK Cancel

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Preview | Search | History | Tag Report | Step-by-step

Edit Step-by-step Solution:

Step 1:

Winnie-the-Pooh finally has {{ 36 }} empty jars.

Edit Remove Up Down

Step 2:

Two-third of 36 is {{ 24 }}

Edit Remove Up

W.Paste B I x^2 x_2 PRE H3 H4(bold)

Ins... JSON/NORMAL

2+2={{4}}

OK Cancel

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Preview | Search | History | Tag Report | Hints

Create Hint:

Paragraph

p 0 words Powered by Tiny

Simple Conditional

Save Hint Cancel

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Clone Hint:

Paragraph

x4 − 7x3 + 12x2 − 3x3 + 21x2 − 36x + 2x2 − 14x + 24 =
= x2 ·(x2 − 7x + 12) − 3x·(x2 − 7x +12) + 2(x2 − 7x + 12) =
= (x2 − 7x +12)·(x2 − 3x + 2) = (x − 3)(x − 4)(x − 1)(x − 2)

p 0 words Powered by Tiny

Simple Conditional

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Lesson Plan Sub-Problems:

Tags:	
Learning Tags:	2 Learning Ta
Pre Required Tags:	0 Pre Require
Audience:	

Preview | Search | History | Tag Report | Step-by-step

Create Step-by-step Solution:

Step 1:

2+2={{4}}

Edit
Remove

Add step

Save Cancel

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Audience:	

Preview | Search | History | Tag Report | Step-by-step

Edit Step-by-step Solution:

Step 1:

Winnie-the-Pooh finally has {{ 36 }} empty jars.

Edit Remove

Up Down

Step 2:

Two-third of 36 is {{ 24 }}

Edit Remove

Up Down

Add step

Save Cancel Delete this solution

Curriculum | Navigator | Assignments | Usage | Clone

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Preview | Search | History | Tag Report | Hints

All hints | Recent | My hints | Filter | Create | Clone | Edit | Delete

ID	Title	Unused
12345	Pick up numbers to make the problem easier to solve - such as 160cm for Marianne's	●
12346	The boats start moving from the same pier.xcvx	
12347	If we increase an amount by p%, we will have (100+p)% of the amount. So, to i	
12348	x4 − 7x3 + 12x2 − 3x3 + 21x2 − 36x + 2x2 − 14x + 24 = ...	●
12349	1% of a number is 1100 of that number.	
12350	To solve this system of linear equations, start by simplifying both equations.	
12351	Do smart calculation!	

Filter

Hint ID:	
Hint content:	
Hint author:	
Problem ID:	
Sub-problem number:	
Problem Tag:	

OK | Cancel

− 3x3 + 21x2 − 36x + 2x2 − 14x + 24 =
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ems | Open problem | Remove hint from sub-problem

	ID	Prt#	Sub-problem
2018: RSM Olympiad > Olympiad 2018 > Grade 3	941699	13	a
> RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 6	941738	10	b
> RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 6	941731	2	c
> RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 3	941699	13	d
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Hint preview

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Hint is used in problems | Open problem | Remove hint from sub-problem

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Add Hint

Attach Example

Add Sub-Problem

Properties

Problem

ID:	941695
Author:	{tbd:author}
Source:	
Difficulty:	{{33}}
Difficulty Level:	
Discuss In Class:	
Out Loud:	
Printed Number:	9
Summary:	
Original File:	
Original Number:	
All SubProblems Required:	
Origin Asset ID:	935562 show
Required Asset ID:	none edit
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Tags:	
Learning Tags:	2 Learning Ta
Pre Required Tags:	0 Pre Require
Audience:	

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Edit Hint 12348:

Hint content:

Paragraph

$$x4 - 7x3 + 12x2 - 3x3 + 21x2 - 36x + 2x2 - 14x + 24 =$$
$$= x2 \cdot(x2 - 7x + 12) - 3x\cdot(x2 - 7x +12) + 2(x2 - 7x + 12) =$$
$$= (x2 - 7x +12)\cdot(x2 - 3x + 2) = (x - 3)(x - 4)(x - 1)(x - 2)$$

p 0 words Powered by Tiny

Hint is used in problems:

Location	ID	Prt#	Sub-problem
> RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 3	941699	13	a
> RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 6	941738	10	b
> RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 6	941731	2	c
> RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 3	941699	13	d
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> RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 6	941731	2	a

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ID	Prt#	Text
941690	1	What number is covered?
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941687	3	How much does one bunny weigh?
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941696	10	A locked box has three digits written on it: 5, 2,
941697	11	Find the area of the park.
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941700	14	There were two competitions in a puzzle tournam

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Winnie-the-Pooh had only one full jar of honey left. The other jars were empty. Trying to find the full jar, Winnie broke one-third of his empty jars. Now, he has 37 jars left (one of them is full of honey). How many jars did he break?

Preview Edit

Answer: Winnie-the-Pooh broke {{regular: 18}} jars. Edit

Alternative

Load in GraphEditor

Add Help

Hint: $x^4 - 7x^3 + 12x^2 - 3x^3 + 21x^2 - 36x + 2x^2 - 14x + 24 =$
$= x^2 \cdot(x^2 - 7x + 12) - 3x\cdot(x^2 - 7x + 12) + 2(x^2 - 7x + 12) =$
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Edit Up Down Remove

Properties

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Audience:	

Preview | Search | History | Tag Report | Hints

Edit Simple Hint 3 in problem 941695 sub-problem A:

Hint content:

Paragraph

x4 – 7x3 + 12x2 – 3x3 + 21x2 – 36x + 2x2 – 14x + 24 =
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Add Hint to problem 941695 sub-problem A:

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ID	Title
12345	Pick up numbers to make the problem easier to solve - such as 160cm for Marianne's
12346	The boats start moving from the same pier.xcvx
12347	If we increase an amount by p%, we will have (100+p)% of the amount. So, to i
12348	x4 − 7x3 + 12x2 − 3x3 + 21x2 − 36x + 2x2 − 14x + 24 = ...
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Hint content:

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Simple | Conditional

Save Hint | Cancel

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Preview Edit

Answer: Winnie-the-Pooh broke {{regular: 18}} jars. Edit

Alternative

Load in GraphEditor

Add Help

Add Hint

Attach Example

Add Sub-Problem

Properties

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Hint preview:

x4 − 7x3 + 12x2 − 3x3 + 21x2 − 36x + 2x2 − 14x + 24 =
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Simple | Conditional

Save Hint | Cancel

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Answer: Winnie-the-Pooh broke {{regular: 18}} jars. Edit

Alternative

Load in GraphEditor

Add Help

Add Hint

Attach Example

Add Sub-Problem

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Hint text contains "amo" — Edit filter | Clear filter

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Hint is used in problems | Open problem | Remove hint from sub-problem

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Preview Edit

Answer: Winnie-the-Pooh broke {{regular: 18}} jars. Edit

Alternative

Load in GraphEditor

Add Hint

Add Step-by-step Solution

Attach Example

Add Sub-Problem

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Add Hint to problem 941695 sub-problem A:

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Simple | Conditional

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Simple | Conditional

Condition 1: $\frac{1}{4}$ Edit Remove

Condition 2: $\sqrt{\frac{1}{4}}$ Edit Remove

Condition 3: $\sqrt{\frac{\pi}{4}}$ Edit Remove

Add condition

Save Hint Cancel