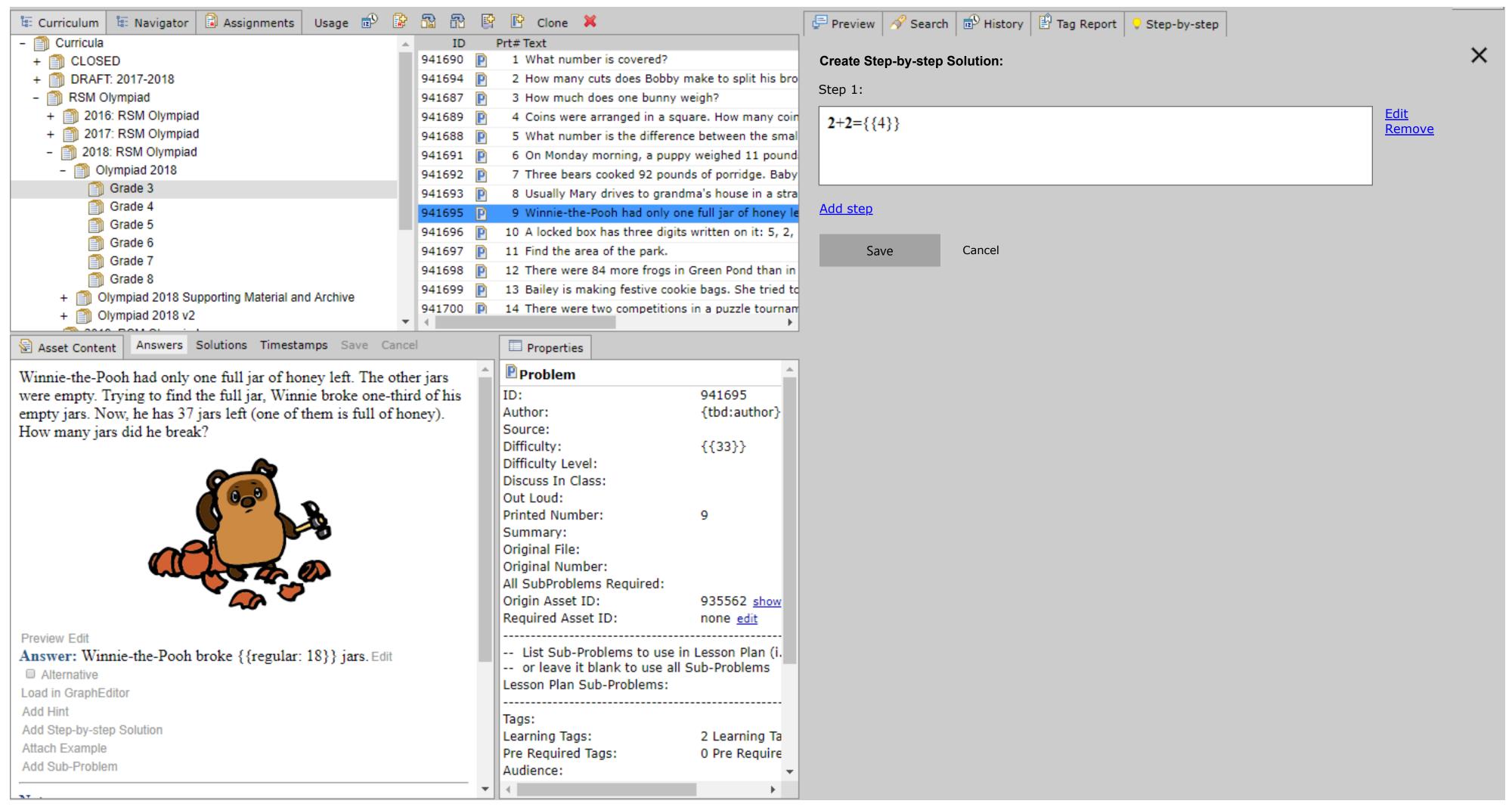
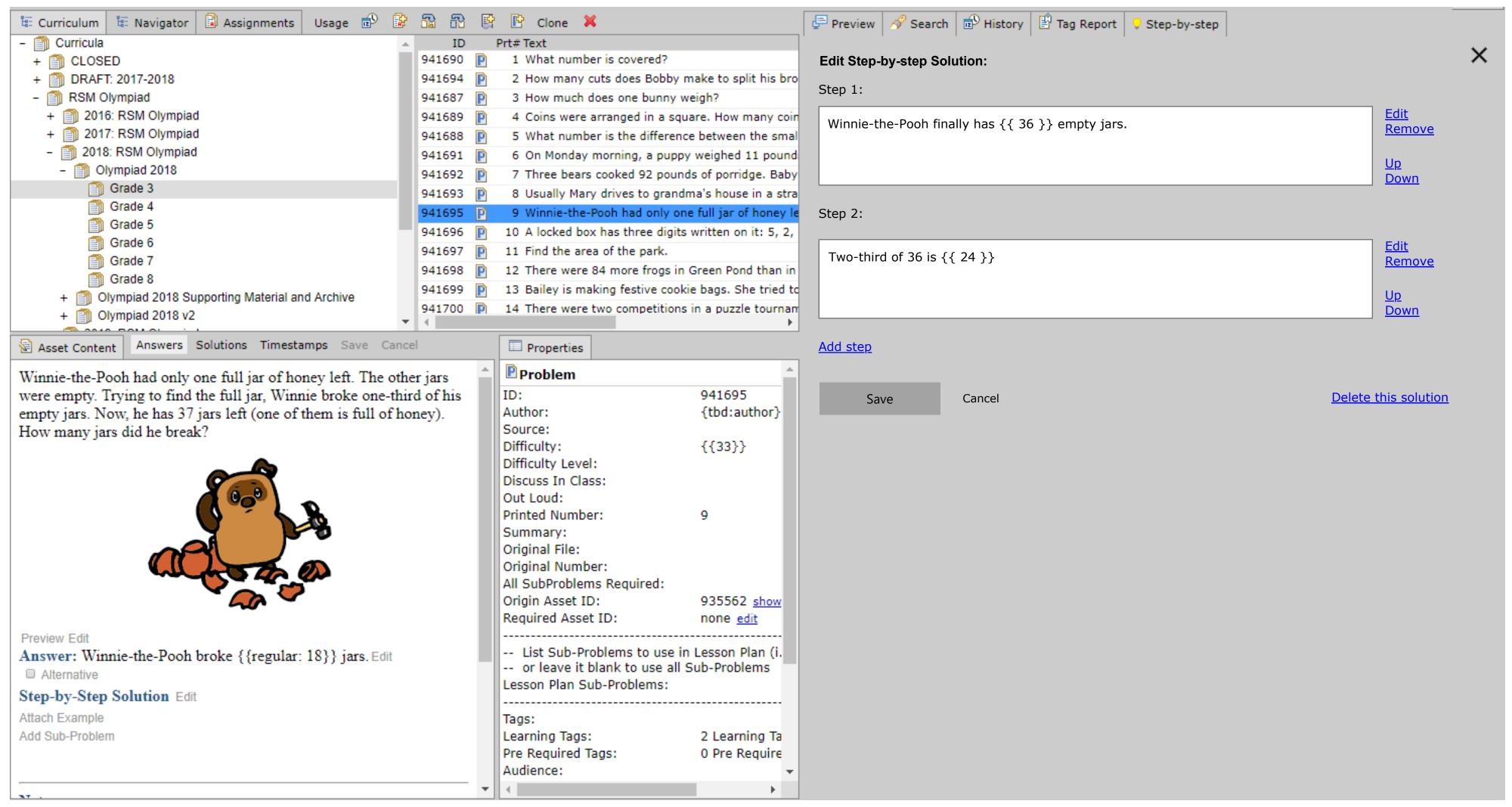
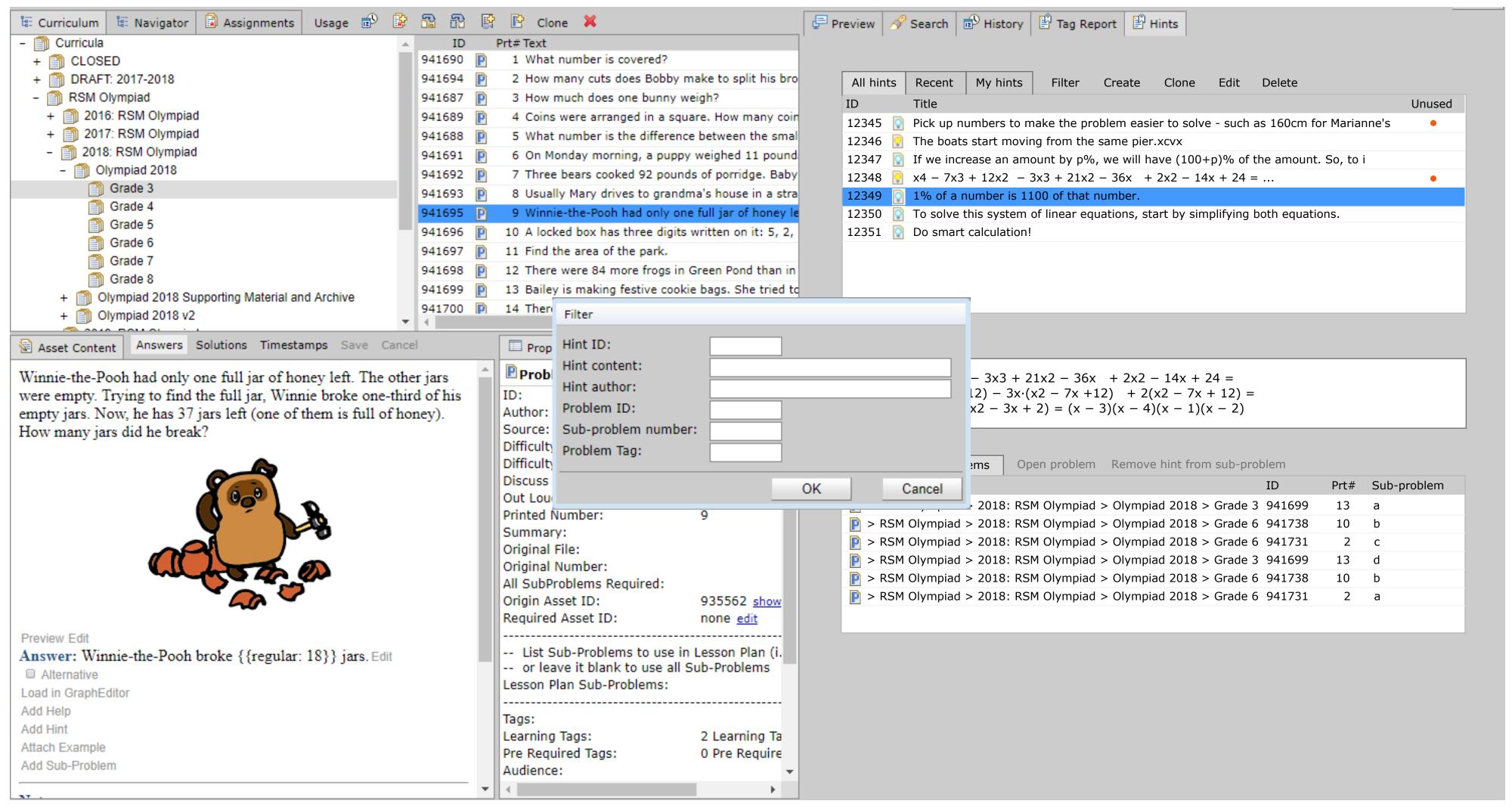
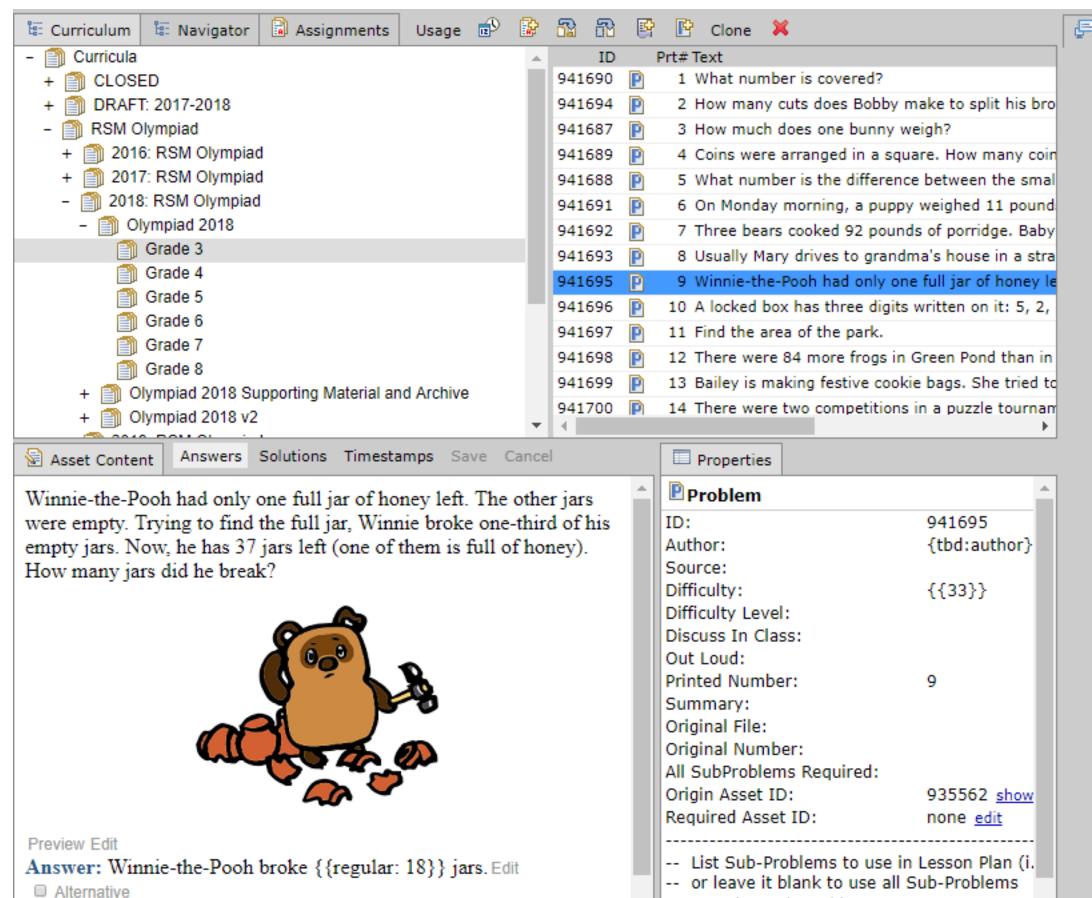


X









Load in GraphEditor

Add Help

Add Hint

Attach Example

Add Sub-Problem

Lesson Plan Sub-Problems:

2 Learning Ta

0 Pre Require

Tags:

Learning Tags:

Audience:

Pre Required Tags:

My hints All hints Recent 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 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 \bigcirc x4 - 7x3 + 12x2 - 3x3 + 21x2 - 36x + 2x2 - 14x + 24 = ... 1% of a number is 1100 of that number. 12349 12350 To solve this system of linear equations, start by simplifying both equations. 12351 Do smart calculation!

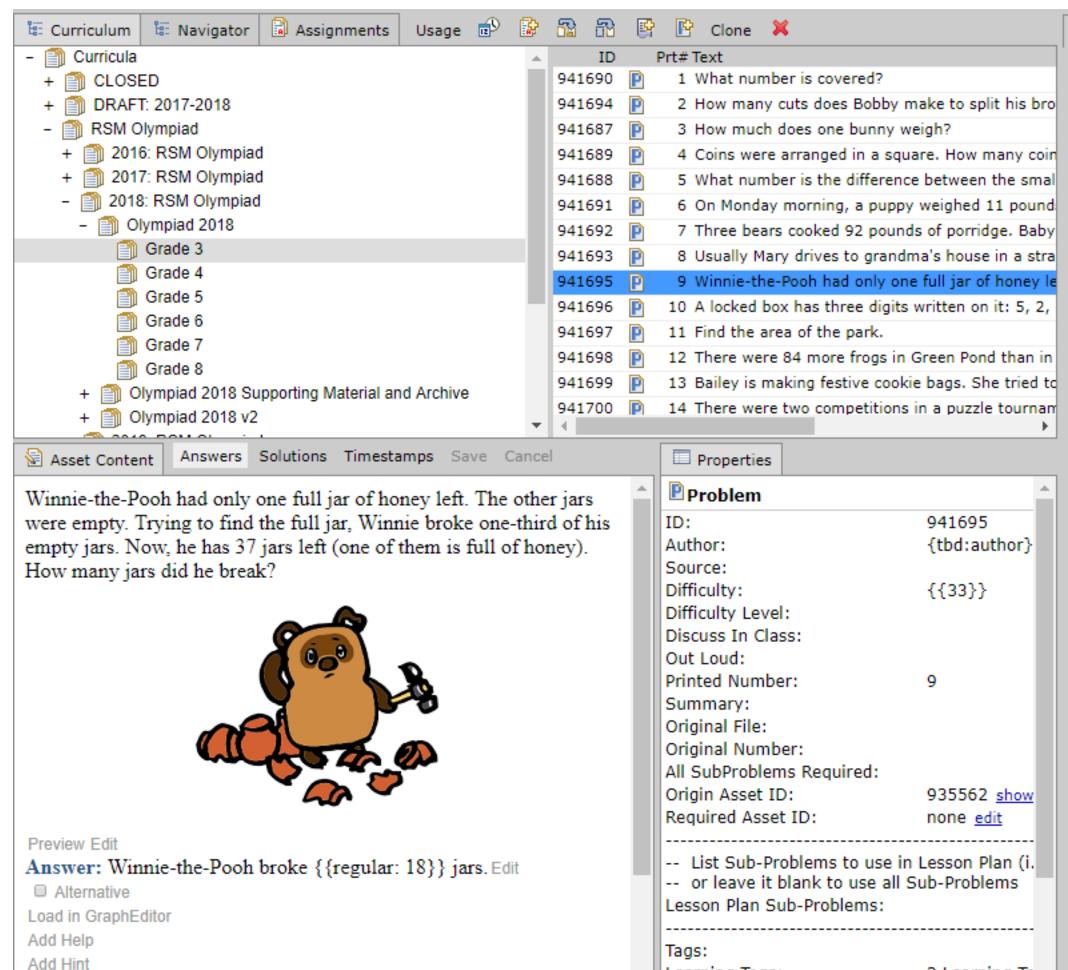
Hint preview

$$x4 - 7x3 + 12x2 - 3x3 + 21x2 - 36x + 2x2 - 14x + 24 =$$

= $x2 \cdot (x2 - 7x + 12) - 3x \cdot (x2 - 7x + 12) + 2(x2 - 7x + 12) =$
= $(x2 - 7x + 12) \cdot (x2 - 3x + 2) = (x - 3)(x - 4)(x - 1)(x - 2)$

🔗 Search | 🔁 History | 🖺 Tag Report | 🖺 Hints

| Hint is used in problems | Open problem | Remove hint from | sub-prol | olem | | |
|--------------------------|------------------|-------------------|----------|--------|------|-------------|
| Location | | | | ID | Prt# | Sub-problem |
| 📔 > RSM Olympiad > 2018 | : RSM Olympiad : | > Olympiad 2018 > | Grade 3 | 941699 | 13 | а |
| P > RSM Olympiad > 2018 | : RSM Olympiad : | > Olympiad 2018 > | Grade 6 | 941738 | 10 | b |
| P > RSM Olympiad > 2018 | : RSM Olympiad | > Olympiad 2018 > | Grade 6 | 941731 | 2 | С |
| P > RSM Olympiad > 2018 | : RSM Olympiad | > Olympiad 2018 > | Grade 3 | 941699 | 13 | d |
| > RSM Olympiad > 2018 | : RSM Olympiad | > Olympiad 2018 > | Grade 6 | 941738 | 10 | b |
| P > RSM Olympiad > 2018 | : RSM Olympiad | > Olympiad 2018 > | Grade 6 | 941731 | 2 | a |
| | | | | | | |



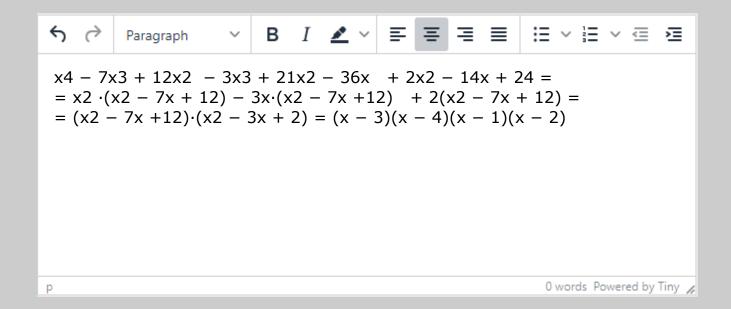
Attach Example

Add Sub-Problem



Hint content:

Preview



🔗 Search 🔯 History 🖺 Tag Report 🖺 Hints

Hint is used in problems:

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

X

Save Hint

2 Learning Ta

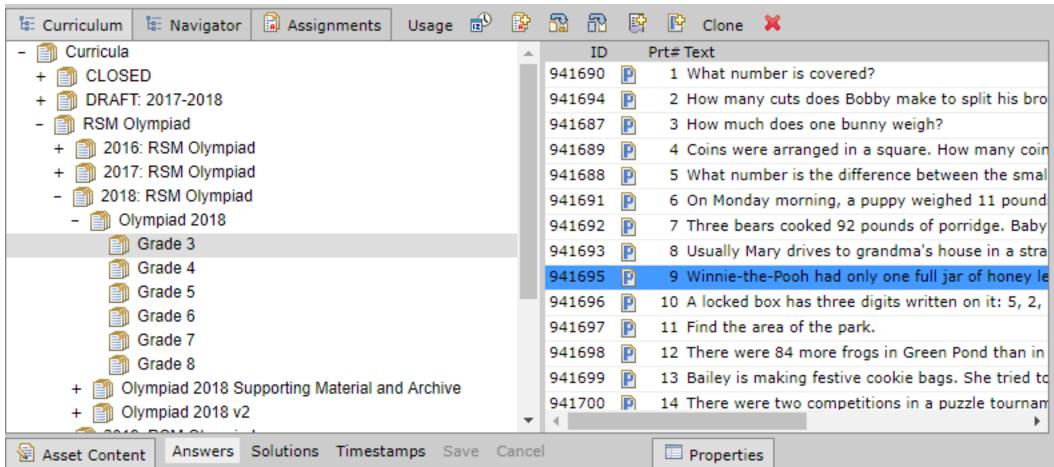
0 Pre Require

Learning Tags:

Audience:

Pre Required Tags:

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

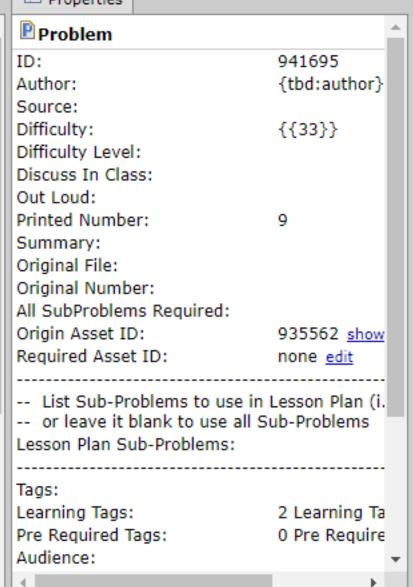
Alternative

Load in GraphEditor

Add Help

Hint:
$$x^4 - 7x^3 + 12x^2 - 3x^3 + 21x^2 - 36x + 2x^2 - 14x + 24 = x^2 \cdot (x^2 - 7x + 12) - 3x \cdot (x^2 - 7x + 12) + 2(x^2 - 7x + 12) = (x^2 - 7x + 12) \cdot (x^2 - 3x + 2) = (x - 3)(x - 4)(x - 1)(x - 2)$$

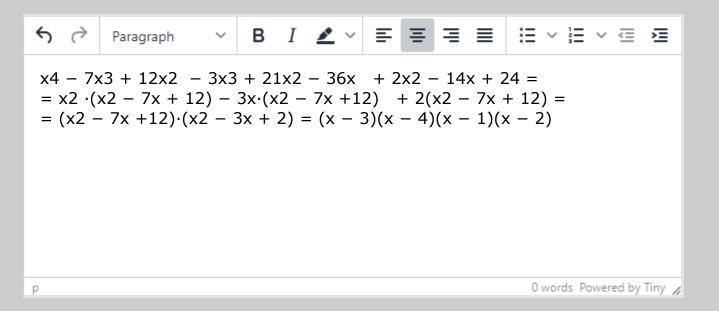
Edit Up Down Remove



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

🔗 Search 😰 History 🖺 Tag Report 🖺 Hints

Hint content:



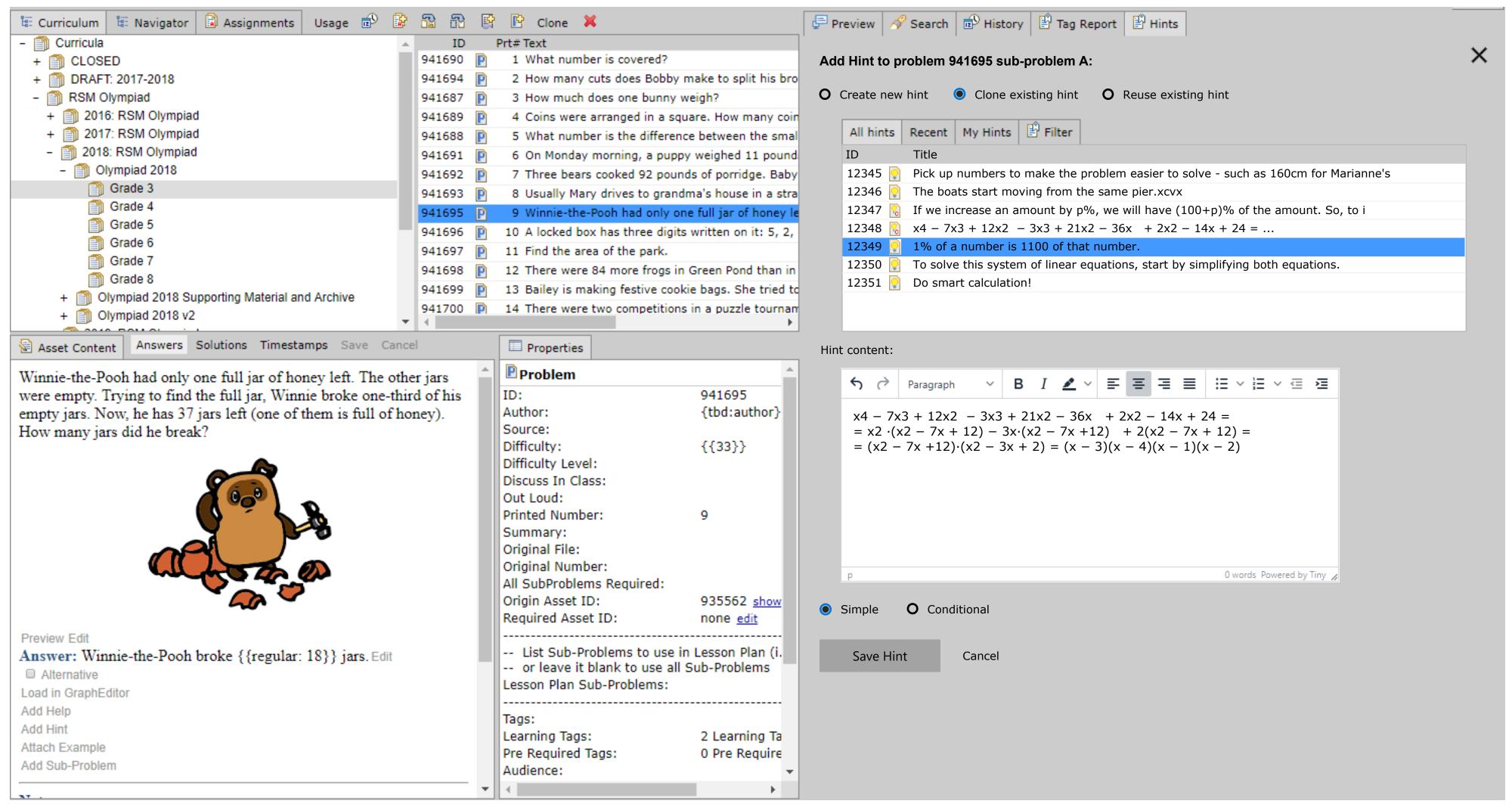
Hint is used in problems:

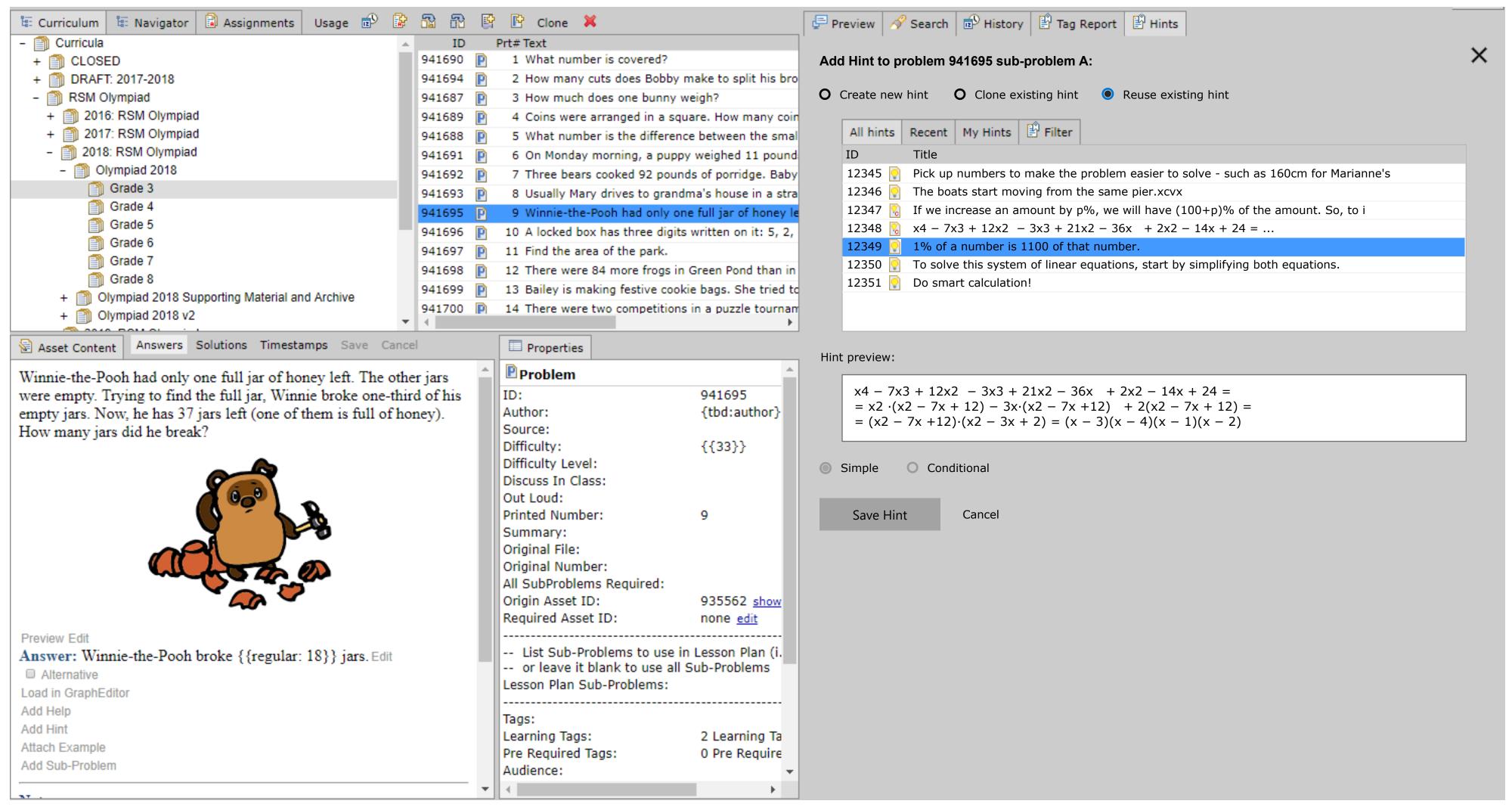
| Location | ID | Prt# | Sub-problem |
|---|--------|------|-------------|
| | 941699 | 13 | a |
| | 941738 | 10 | b |
| P > RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 6 | 941731 | 2 | С |
| P > RSM Olympiad > 2018: RSM Olympiad > Olympiad 2018 > Grade 3 | 941699 | 13 | d |
| Property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

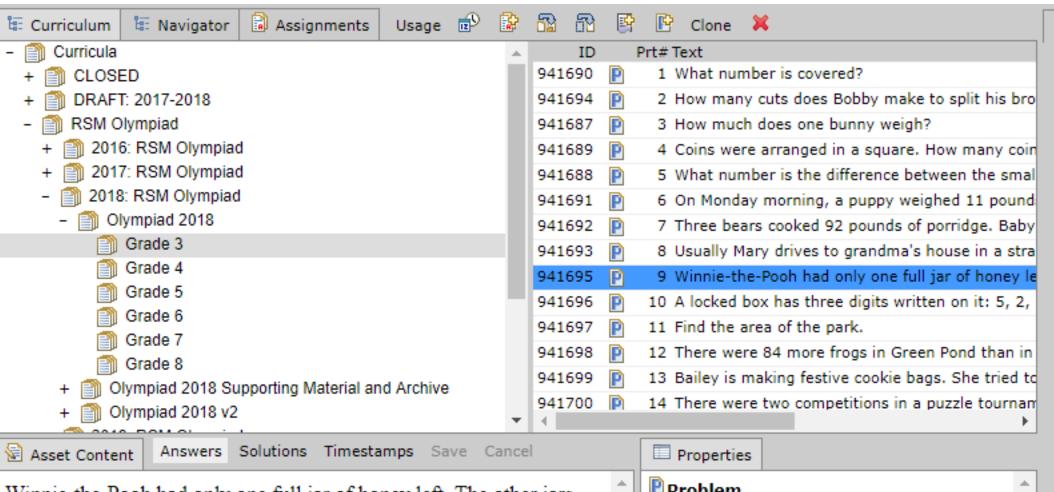
X

Save Hint

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

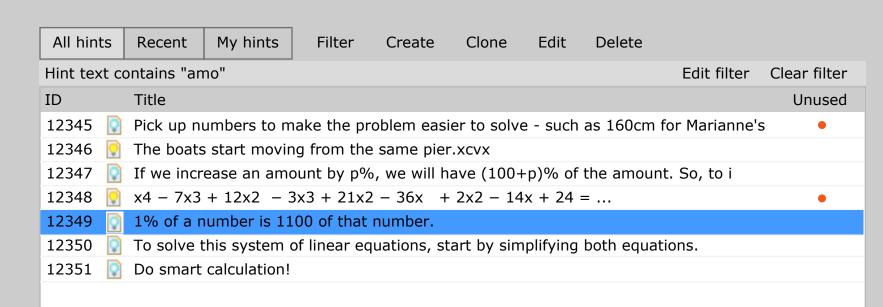
Add Help

Add Hint

Attach Example

Add Sub-Problem

Problem ID: 941695 Author: {tbd:author} Source: {{33}} Difficulty: Difficulty Level: Discuss In Class: Out Loud: Printed Number: 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: 2 Learning Ta Learning Tags: Pre Required Tags: 0 Pre Require Audience:



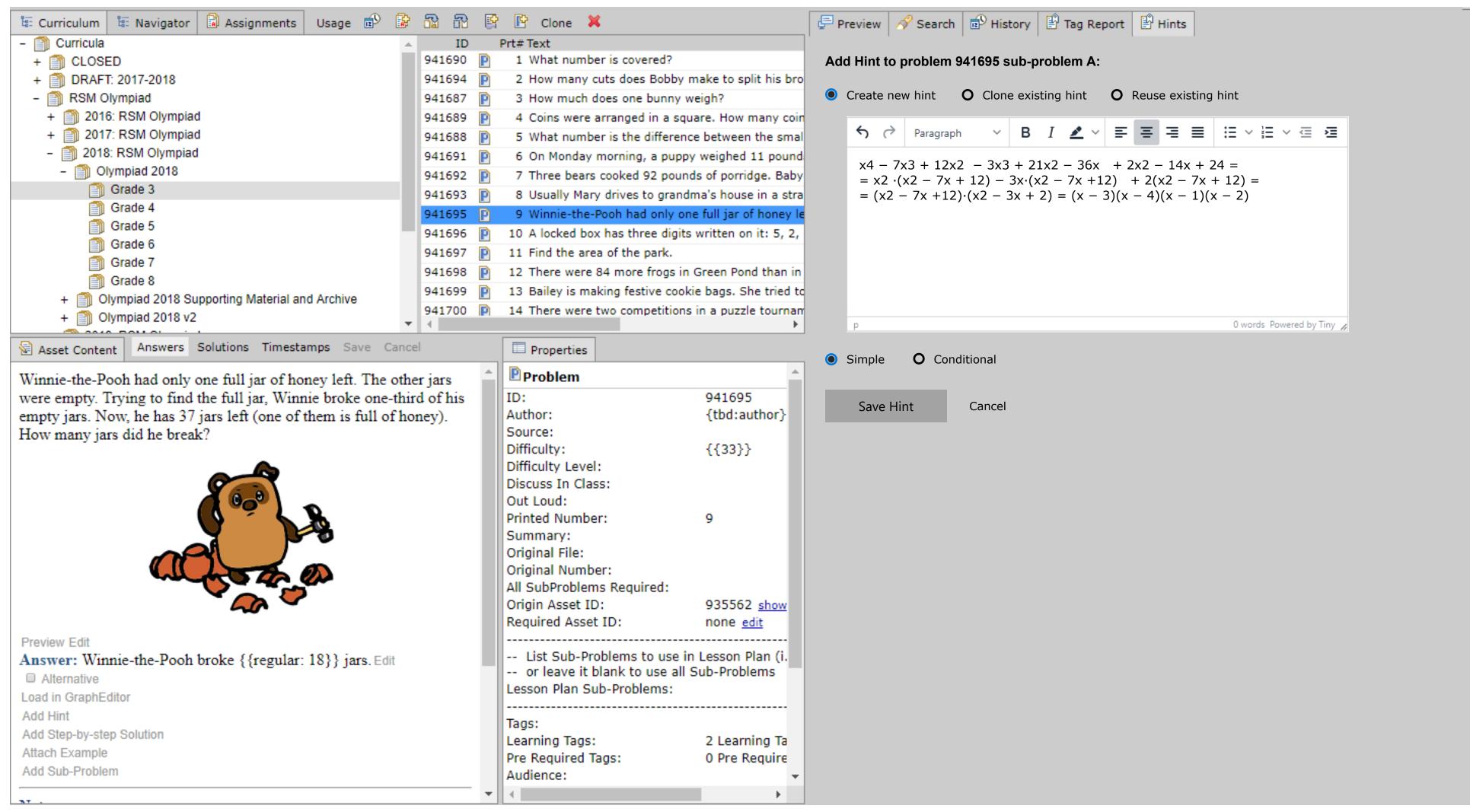
Hint preview

$$x4 - 7x3 + 12x2 - 3x3 + 21x2 - 36x + 2x2 - 14x + 24 =$$

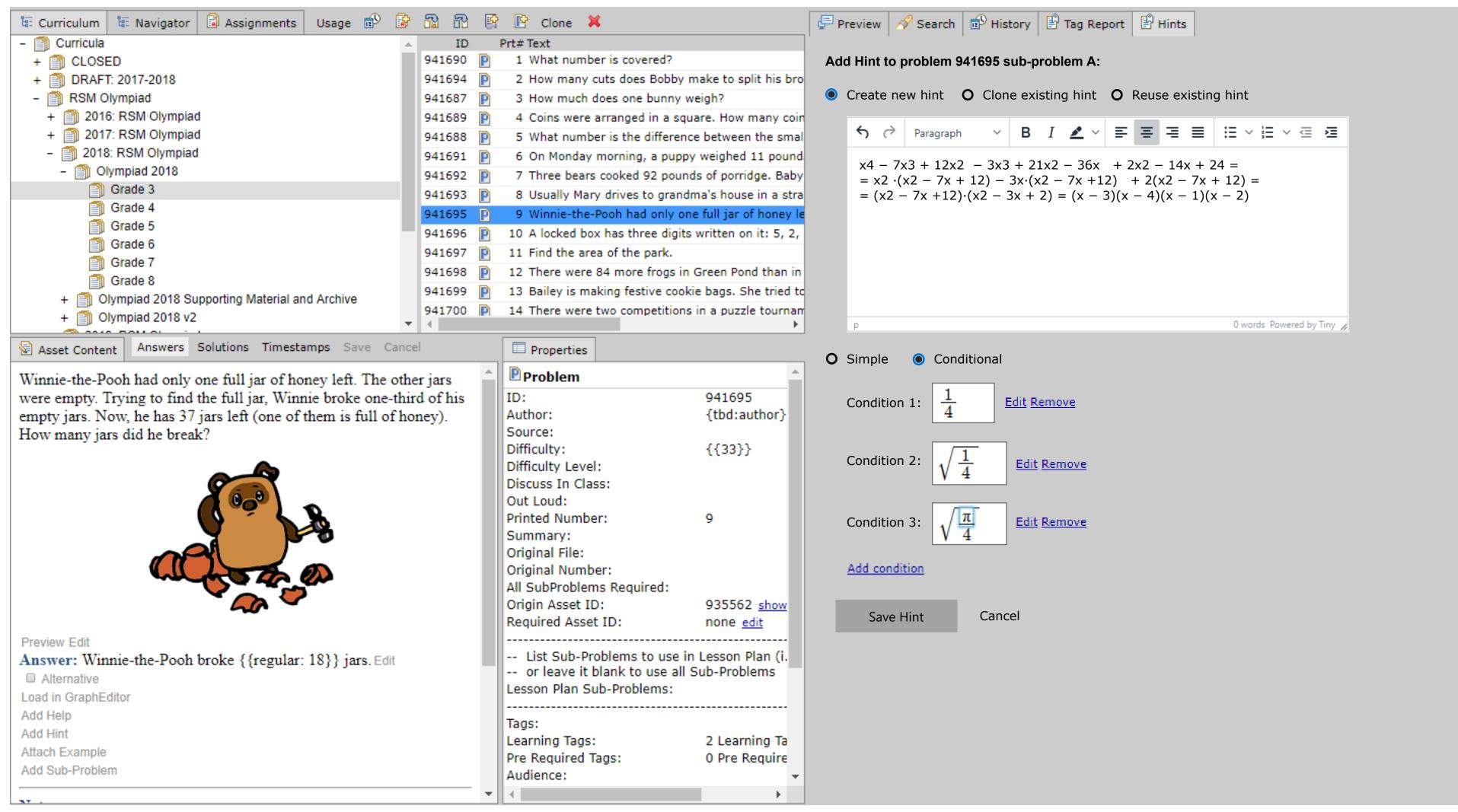
= $x2 \cdot (x2 - 7x + 12) - 3x \cdot (x2 - 7x + 12) + 2(x2 - 7x + 12) =$
= $(x2 - 7x + 12) \cdot (x2 - 3x + 2) = (x - 3)(x - 4)(x - 1)(x - 2)$

🔗 Search | 🔁 History | 🖺 Tag Report | 🖺 Hints

| Hint is used in problems | Open problem | Remove hint from su | b-problem | | |
|--------------------------|------------------|---------------------|--------------|------|-------------|
| Location | | | ID | Prt# | Sub-problem |
| P > RSM Olympiad > 2018 | : RSM Olympiad > | Olympiad 2018 > Gra | ade 3 941699 | 13 | а |
| P > RSM Olympiad > 2018 | : RSM Olympiad > | Olympiad 2018 > Gra | ade 6 941738 | 10 | b |
| P > RSM Olympiad > 2018 | : RSM Olympiad > | Olympiad 2018 > Gra | ade 6 941731 | 2 | С |
| P > RSM Olympiad > 2018 | : RSM Olympiad > | Olympiad 2018 > Gra | ade 3 941699 | 13 | d |
| P > RSM Olympiad > 2018 | : RSM Olympiad > | Olympiad 2018 > Gra | ade 6 941738 | 10 | b |
| P > RSM Olympiad > 2018 | : RSM Olympiad > | Olympiad 2018 > Gra | ade 6 941731 | 2 | a |
| | | | | | |



X



X