

Correct from last day: pp. 99 - 100 # 2, 3, 6, 7, 9, 14 &
READ pp. 101-102

2.3 Factoring Quadratic Expressions (Day 2)

2D Quadratic Review Videos (1 pm)

I posted today's worksheet in our Google Classroom. You do not need to print it.

**Copy the questions on a separate sheet of paper,
 and work out each answer below the question.**

When you complete all 21 questions, mark it as done.

When Is a Wrestler "King of the Ring"?

Factor each trinomial below. Find your answer and notice the letter next to it. Write this letter in the box containing the number of that exercise. Keep working and you will get the gripping answer to the title question.

① $n^2 + 6n + 5$

② $n^2 + 7n + 10$

③ $n^2 - 7n + 12$

④ $n^2 - 11n + 28$

⑤ $n^2 + 2n - 15$

⑥ $n^2 - 5n - 24$

⑦ $n^2 + n - 56$

Answers:

Ⓕ $(n + 2)(n + 6)$

Ⓗ $(n + 5)(n - 3)$

Ⓦ $(n + 5)(n + 1)$

Ⓔ $(n - 3)(n - 4)$

Ⓑ $(n - 1)(n + 15)$

Ⓢ $(n + 8)(n - 7)$

Ⓗ $(n + 2)(n + 5)$

Ⓔ $(n - 8)(n + 3)$

Ⓖ $(n - 12)(n - 2)$

Ⓝ $(n - 7)(n - 4)$

⑧ $t^2 + 10t + 16$

⑨ $t^2 - 15t + 50$

⑩ $t^2 + 8t - 9$

⑪ $t^2 - 7t - 30$

⑫ $t^2 - t - 30$

⑬ $t^2 + 14t + 48$

⑭ $t^2 + 8t - 48$

Answers:

Ⓝ $(t - 6)(t + 5)$

Ⓥ $(t - 25)(t + 2)$

Ⓣ $(t - 5)(t - 10)$

Ⓣ $(t + 6)(t + 8)$

Ⓞ $(t - 10)(t + 3)$

Ⓑ $(t + 15)(t - 2)$

Ⓘ $(t + 8)(t + 2)$

Ⓗ $(t - 4)(t + 12)$

Ⓢ $(t + 9)(t - 1)$

Ⓐ $(t - 24)(t + 2)$

⑮ $a^2 + 5ab + 6b^2$

⑯ $a^2 - 4ab - 21b^2$

⑰ $a^2 + 6ab - 7b^2$

⑱ $a^2 - 14ab - 32b^2$

⑲ $a^2 - 29ab + 100b^2$

⑳ $a^2 + 7ab - 18b^2$

㉑ $a^2 + 2ab + b^2$

Answers:

Ⓚ $(a - 8b)(a + 4b)$

Ⓗ $(a + 7b)(a - b)$

Ⓐ $(a - 20b)(a + 5b)$

Ⓔ $(a + 2b)(a + 3b)$

Ⓦ $(a + 9b)(a - 2b)$

Ⓣ $(a - 7b)(a + 3b)$

Ⓞ $(a - 25b)(a - 4b)$

Ⓢ $(a + 6b)(a + 3b)$

Ⓝ $(a + b)(a + b)$

Ⓖ $(a - 16b)(a + 2b)$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
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2. One factor is provided and one is missing. What is the missing factor?

a) $x^2 + 11x + 30 = (x + 6)(?)$

$$= (x + 6)(x + 5)$$

Time to:

Show What You Know

...postponed until Monday .



Let's Practice with Knowledge Hook!

If asked, set up a student account.
If you forgot your password, I can simply reset it.

Students log in or register by going to:

1 joinkh.com

2
ray3399

3 Create or select their
account

How to Join

1



2

