



Factor each trinomial below. All work must be done in your notebook.

What Happened When the
Boarding House Blew Up?


- 
- ① $3x^2 + 7x + 2$
 - ② $2x^2 + 5x + 3$
 - ③ $3x^2 - 16x + 5$
 - ④ $7x^2 - 9x + 2$
 - ⑤ $6u^2 + 5u + 1$
 - ⑥ $8u^2 - 9u + 1$
 - ⑦ $10u^2 + 17u + 3$
 - ⑧ $9u^2 - 9u + 2$
 - ⑨ $5u^2 + 11u + 6$


- 
- ⑩ $3n^2 + 2n - 1$
 - ⑪ $5n^2 - 4n - 1$
 - ⑫ $2n^2 + 5n - 3$
 - ⑬ $7n^2 - 13n - 2$
 - ⑭ $3t^2 + 14t - 5$
 - ⑮ $4t^2 - 11t + 7$
 - ⑯ $6t^2 + 5t - 1$
 - ⑰ $3t^2 - 20t - 7$

How Can Fishermen Save Gas?

Factor each trinomial below.

- ① $4n^2 - 49$
- ② $n^2 + 8n + 12$
- ③ $n^2 - 9n + 20$
- ④ $n^2 + 16n + 64$
- ⑤ $n^2 + 2n - 15$
- ⑥ $3n^2 - 8n + 5$

- 
- ⑦ $a^2 + 4a - 21$
 - ⑧ $5a^2 + 9a - 2$
 - ⑨ $2a^2 + 11a + 15$
 - ⑩ $1 - 9a^4$
 - ⑪ $a^2 - 11a + 30$
 - ⑫ $10a^2 - 3a - 1$

- 
- ⑬ $8u^2 + 19u + 6$
 - ⑭ $25u^2 - 20u + 4$
 - ⑮ $3u^2 - 11u - 14$
 - ⑯ $u^2 - 4u - 21$
 - ⑰ $6u^2 + 17u - 10$
 - ⑱ $2u^2 + 5u - 18$