## How Can Fishermen Save Gas?

actor each polynomial below. Find one of the factors in each column of binomials. Notice the letter next to one factor and the number next to the other. Write the letter in the box at the bottom of the page that contains the matching number.

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

- (n + 1)

- (n + 8)
- 9 (2n + 7)
- (n + 5)

- (n 3)
  - (2n 7)
  - (n 5)
- (3n 5)
- (3n 1)
- (n 4)(n+6)

## $a^2 + 4a - 21$

- $2a^2 + 11a + 15$
- $1-9a^2$
- $a^2 11a + 30$
- (Sa+1)(2a-

- (a 5)
- (a + 7)

- (a 1)

- (2a + 1)
- (a 6)
- (a 3)
- (a + 3)

- (2a + 5)

$$(13)$$
 8 $u^2$  + 19 $u$  + 6

 $25u^2 - 20u + 4$  ( 5u + 2

- $3u^2 11u 14$
- $u^2 4u 21 \quad (u 7)(u + 3)$
- $6u^2 + 17u 10$
- $2u^2 + 5u 18$  (2004)(4 212-44+94-18

· (2419)(24-2)

- (3u 14)
- (u + 2)
- (3u + 10)

- (u + 1)
- (2u + 1)
- (8u + 3)(2u - 1)

- 13 15 16 17 12 14 18