## Unit 7 Lesson 7: Integers of Quadratics

### 1 Math Talk: Missing Values (Warm up)

#### Student Task Statement

Mentally solve each equation for .

### 2 Finding Pairs that Work

#### Student Task Statement

For each question, find a pair of integers with the given product and sum.

1. product: 6, sum: 5
2. product: 6, sum: 7
3. product: 4, sum: -5
4. product: -1, sum: 0
5. product: -6, sum: 1
6. product: -12, sum: -1
7. product: -12, sum: 4

### 3 Factor Expansion

#### Student Task Statement

For each question:

* rewrite the expression in standard form
* compare your question and solution with your partner
* be prepared to explain anything you notice in the comparison

Partner A:

Partner B:



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