

Chapter 6 — Integer Operations

Worksheet A: Guided Practice

Name: _____ Grade: _____ Date: _____

1. Calculate: $-2 + 7$

Different signs: subtract sizes, keep the sign of the larger.

2. Calculate: $6 - 2$

Subtract as usual, both positive.

3. Calculate: -3×5

Different signs: the result is negative.

4. Calculate: $-9 + 4$

Different signs: 9 is larger, so the answer is negative.

5. Calculate: $6 - (-2)$

Rewrite: $6 - (-2) = 6 + 2$.

6. Calculate: $18 \div (-3)$

Different signs: the result is negative.

7. Calculate: $-6 + (-9)$

Same signs: add sizes and keep the negative.

8. Calculate: $-4 - 5$

Rewrite: subtracting a positive stays subtraction.

9. Calculate: $-3 \times (-5)$

Same signs: the result is positive.

10. Calculate: $9 + (-5)$

Different signs: 9 is larger, so the answer is positive.

11. Calculate: $-6 - (-5)$

Rewrite: $-6 - (-5) = -6 + 5$.

12. Calculate: $-18 \div (-3)$

Same signs: the result is positive.

13. Calculate: $-2 - (-5)$

Rewrite: $-2 - (-5) = -2 + 5$.

14. Calculate: $8 - (-3)$

Rewrite: $8 - (-3) = 8 + 3$.

15. Calculate: $-7 + 5$

Different signs: 7 is larger, so the answer is negative.