

Lab Sheet 2

March 12, 2015

1. Add the integers.

(a) $(-7) + (+10) =$

(b) $(-4) + (+4) =$

(c) $(-3) + (+7) =$

(d) $(-4) + (-8) =$

(e) $(-5) + (-3) =$

(f) $(-17) + (+20) =$

2. Add integers.

(a) $3 + (-5) + (-2) + 6$

(b) $(-2) + (-3) + 4 + 1$

(c) $3 + 2 + (-2) + (-3)$

3. Compute the subtraction of integers.

(a) $(-6) - (+4) = -6 - 4 = -10$

(b) $(-4) - (-3)$

(c) $(+2) - (+5)$

(d) $(+3) - (-1)$

(e) $(-2) - (-3)$

(f) $(-2) - (+3)$

(g) $(-6) - (+11)$

(h) $(-5) - (-9) = -5 + 9 = 4$

(i) $(-3) - (-5)$

(j) $(-5) - (-5)$

(k) $(-6) - (-4)$

(l) $(-5) - (-6)$

(m) $(-16) - (+21)$

4. Subtract by continuing the patterns.

(a) $10 - 3 =$ _____

$10 - 2 =$ _____

$10 - 1 =$ _____

$10 - 0 =$ _____

$10 - (-1) =$ _____

$10 - (-2) =$ _____

$10 - (-3) =$ _____

$10 - (-36) =$ _____

(b) $6 - 3 =$ _____

$6 - 2 =$ _____

$6 - 1 =$ _____

$6 - 0 =$ _____

$6 - (-1) =$ _____

$6 - (-2) =$ _____

$6 - (-3) =$ _____

$6 - (-36) =$ _____

5. Calculate each product.

(a) $(-3) \times 7 =$ _____

(b) $(-5) \times 4 =$ _____

(c) $(-2) \times 7 =$ _____

(d) $(-5) \times 8 =$ _____

(e) $(-6) \times 3 =$ _____

(f) $(-9) \times 8 =$ _____

6. Find the product.

(a) $(-3) \times (-5) =$ _____

(b) $(-4) \times (-9) =$ _____

(c) $(-8) \times (-3) =$ _____

(d) $(-2) \times (-5) =$ _____

(e) $(-4) \times (-8) =$ _____

(f) $(-7) \times (-9) =$ _____

(g) $(-8) \times (-6) =$ _____

(h) $(-5) \times (-11) =$ _____

7. Multiply.

(a) $3 \times (-9) =$ _____

(b) $-3 \times 2 =$ _____

(c) $(-7) \times (-8) =$ _____

(d) $4 \times (-6) =$ _____

(e) $-6 \times 7 =$ _____

(f) $(-9) \times (-4) =$ _____

(g) $-4 \times 6 =$ _____

(h) $(-9) \times (-9) =$ _____

8. Find the following quotients.

(a) $80 \div (-10) =$ _____

(b) $(-16) \div 4 =$ _____

(c) $(+30) \div (+6) =$ _____

(d) $(-40) \div (-8) =$ _____

(e) $(+72) \div 6 =$ _____

(f) $75 \div (-15) =$ _____

(g) $(-84) \div (-12) =$ _____

(h) $(-78) \div 13 =$ _____