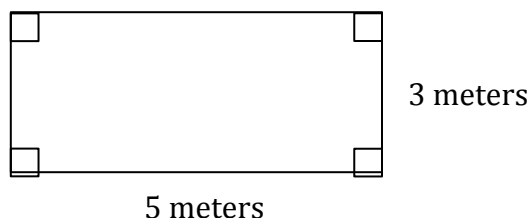


After Exam 1

1) Find the perimeter and area of the rectangle:



2) Write the prime factorization of 20.

3) One boat to the island can take 5 people. How many trips will the boat have to take in order to ferry 38 people to the island?

Simplify Completely

4) $-19 - (-7) - 11$

5) $3 - (-8 - 17)$

6) $8 - 120 \div 5 \cdot 6 + 7$

7) $9 + 16 \div 2 \cdot 4 - 9$

8) $-3 - 2|5 - 7|$

9) $\frac{-5 - 5(2 - 4)^3}{-22 - 3(-5)}$

10) $-|-8|$

11) $(-8)(-4)(7)(-9)$

12) $2103 - (1245 - 251)$

13) $12 + 2(3 + 2 \cdot 5)^2$

14) $\frac{-8 - 4}{7 - 13}$

15) $\frac{40 - (3 \cdot 7 - 9)}{8 \cdot 2 - 2}$

16) $8 - |-25 - (-4)^2|$

17) $-3 - 2|5 - 7|$

18) $|12(-5)| + 7(-5)$

Solve the equation

19) $-6x + 20 = 64$

20) $4x - 12 = -56$