Name _____   Date _____

1. Determine the following sums and differences. Show your work.

    a.   1 ft + 2 ft = _____ yd

    b.   3 yd 1 ft + 2 ft = _____ yd

    c.   1 yd − 1 ft = _____ ft

    d.   8 yd − 1 ft = _____ yd _____ ft

    e.   3 in + 9 in = _____ ft

    f.   6 in + 9 in = _____ ft _____ in

    g.   1 ft − 8 in = _____ in

    h.   5 ft − 8 in = _____ ft _____ in

2. Find the following sums and differences. Show your work.

    a.   5 yd 2 ft + 2 ft = _____ yd _____ ft

    b.   7 yd 2 ft + 2 yd 2 ft = _____ yd _____ ft

    c.   4 yd 1 ft − 2 ft = _____ yd _____ ft

    d.   6 yd 1 ft − 2 yd 2 ft = _____ yd _____ ft

    e.   6 ft 9 in + 4 in = _____ ft _____ in

    f.   4 ft 4 in + 3 ft 11 in = _____ ft _____ in

    g.   34 ft 4 in − 8 in = _____ ft _____ in

    h.   7 ft 1 in − 5 ft 10 in = _____ ft _____ in

3. Matthew is 6 feet 2 inches tall. His little cousin Emma is 3 feet 6 inches tall. How much taller is Matthew than Emma?

4. In gym class, Jared climbed 10 feet 4 inches up a rope. Then, he continued to climb up another 3 feet 9 inches. How high did Jared climb?

5. A quadrilateral has a perimeter of 18 feet 2 inches. The sum of three of the sides is 12 feet 4 inches.

   a. What is the length of the fourth side?

   b. An equilateral triangle has a side length equal to the fourth side of the quadrilateral. What is the perimeter of the triangle?

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