

**1.1 Lesson - Imperial Lengths of Measure**

Use the referent sheet posted in Google Classroom to help you make the necessary conversions.

1. To estimate the width of the classroom:

a) Which is the most appropriate imperial unit? Why?

b) Which referent could you use?

2. To estimate the greatest width of a maple leaf

a) Which is the most appropriate imperial unit? Why?

b) Which referent could you use?

3. To estimate the length of your friend's shadow:

a) Which is the most appropriate imperial unit? Why?

b) Which referent could you use?

4. a) Convert yards to feet.

1 yd. = \_\_\_\_\_ ft

2 yd. = \_\_\_\_\_

3 yd. = \_\_\_\_\_

4 yd. = \_\_\_\_\_

5 yd. = \_\_\_\_\_

b) Convert feet to inches.

1 ft. = \_\_\_\_\_ in.

2 ft. = \_\_\_\_\_

3 ft. = \_\_\_\_\_

4 ft. = \_\_\_\_\_

5 ft. = \_\_\_\_\_

**Math 10C**

**Math:** \_\_\_\_\_

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5. Convert:

a) 8 ft. to inches

b) 235 yd. to feet

c) 6 mi to yards

6.

a) 72 in. to ft.

b) 87 ft to yd.

c) 288 in. to yd.

7.

a) 67 in. to ft and yd.

b) 418 ft. to yd. and ft.

c) 2148 in. to yd. And ft.

**Math 10C**

**Math:** \_\_\_\_\_

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8.

a) 7 ft. 5 in. to inches

b) 9 yd. 1 ft to feet

c) 11 yd. 2 ft. to inches

d) 3 mi. 128 yds. To feet

9. Sue wants to fence part of her yard. She measures the perimeter as 44 yd. What is the perimeter in feet?

10. A dog trainer advises that, when walking a dog on a city street, the walker should allow the dog 42 in. of leash. Greg bought a retractable leash that extends  $5\frac{1}{2}$  yd. If Greg follows the trainer's advice, what length of the leash, in inches, is not used?

11. Amural is 3 yd. long and 2 yd. wide. It has a border that is made with sections that are 48 in. long. How many sections were needed to make the border?