Math 10

Lesson 6-1 Answers

**Lesson Questions**

**Question 1**

a)

i) 7 yd. · 3 ft./yd. = **21 ft.**

ii) 7 yd. · 36 in./yd. = **252 in.**

b)

i) 62 in. ii) 62 in.

**Question 2**

a) 37 ft.

b) Since the baseboard is sold per yard, he has to buy 13 yd. of material.

 13·$5.99/yd.= **$77.87**

**Question 3**

4 yd. = 4yd.·36 in./yd. = 144 in.



Tyrell can make 18 bracelets.

**Question 4**

Set up a proportional ratio:



**Assignment**

2. a) Foot b) Inch c) Foot d) Inch e) Mile

3. a) 36 in. b) 189 ft. c) 4 ft.

4. a) 10 560 ft. b) 15 yd. 2 ft. 10 in. c) 1 mi. 703 yd. 1 ft.

5. 165 in. = 4 yd. 1 ft. 9 in.

6. a) 52 ft. = 17 yd. 1 ft. b) $197.82

7. a) 24 mats

8. No; 21 ft. 9 in. = 7 yd. 9 in.

9. 10 in.

10. a) 39 ft. 2 in. b) 4 rolls c) $49.96

11. 1062 ft.

12. 62 mi.

13. 28 tulip bulbs

14. 1:2 349 000

15. $351 000