Name: .... Class: ....

Multiply and divide mixed customary units.

1. Divide. 25 yards 10 feet by 5 = _____ yards _____ feet.

2. Multiply. 5 cups 14 fluid ounces by 2 = _____ cups _____ fluid ounces.

3. Multiply. 7 days 72 hours by 8 = _____ days _____ hours.

4. Divide. 570 weeks by 3 = _____ weeks.

5. Divide. 33 yards 12 feet by 3 = _____ yards _____ feet.

6. Multiply. 7 cups 8 fluid ounces by 2 = _____ cups _____ fluid ounces.

7. Multiply. 16 days 12 hours by 2 = _____ days _____ hours.

8. Divide. 350 weeks by 5 = _____ weeks.

Name: .... Class: ....

Multiply and divide mixed customary units.

1. Divide. 25 yards 10 feet by 5 = _____ yards _____ feet

divide both the yards and the feet by 5.

$\dfrac{25}{5}$ yards $\dfrac{10}{5}$ feet $= \dfrac{5 \times 5}{5 \times 1}$ yards $\dfrac{5 \times 2}{5 \times 1} = 5$ yards 2 feet

Therefore, 25 yards 10 feet divided by 5 = 5 yards 2 feet.

2. So, 5 cups 14 fluid ounces times 2 = 10 cups 28 fluid ounces

3. So, 7 days 72 hours x 8 = 56 days 576 hours

4. Hence, 570 divided by 3 = 190 weeks

5. Therefore, 33 yards 12 feet divided by 3 = 11 yards 4 feet.

6. So, 7 cups 8 fluid ounces times 2 = 14 cups 16 fluid ounces

7. So, 16 days 12 hours x 2 = 32 days 24 hours

8. Hence, 350 divided by 5 = 70 weeks