First Year Sheet Metal Math

Name _____

Solve the following math problems. Show your work and reduce all fractions to their lowest terms. All decimal answers to three places.

1. ½ + 3/16 + 5/8 =

2. 1 ½ + 3 9/16 + 7 3/8 =

3. 5 5/8 – 3 3/16 =

4. 12 3/16 – 7 ¾ =

5. 3/16 x 2/3 =

6. 4 1/6 x 1 ¼ =

Round off the following numbers to 3 decimals
7. .62749 =

8. .31351 =

9. .789625 =

Convert the following numbers to the nearest 1/16"
10. .345" =

11. 2.789" =

12. 5.306" =

Convert the following dimensions to decimals of a foot.
13. 9" =

14. 6' 2" =

15. 3' 7 5/16" =

Convert the following to feet and inches. (nearest 1/16")
18. 2.125' =

19. 5.92' =

20. 15. 612' =

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Name _____

Solve the following math problems. Show your work and reduce all fractions to their lowest terms. All decimal answers to three places.

1. ½ + 3/16 + 5/8 =1 5/16

2. 1 ½ + 3 9/16 + 7 3/8 =12 7/16

3. 5 5/8 – 3 3/16 =2 7/16

4. 12 3/16 – 7 ¾ =4 7/16

5. 3/16 x 2/3 =1/8

6. 4 1/6 x 1 ¼ =5 5/64

Round off the following numbers to 3 decimals
7. .62749 = .627

8. .31351 =.314

9. .789625 =.790

Convert the following numbers to the nearest 1/16"
10. .345" = 3/8

11. 2.789" = 2 13/16

12. 5.306" = 5 5/16

Convert the following dimensions to decimals of a foot.
13. 9" = .75'

14. 6' 2" = 6.167'

15. 3' 7 5/16" =3.609'

Convert the following to feet and inches. (nearest 1/16")
18. 2.125' = 2' 1 ½"

19. 5.92' = 5' 11"

20. 15. 612' = 15' 7 3/8