

1. How much material will remain after the following pieces have been cut from a piece of hanger strap 24 inches long?

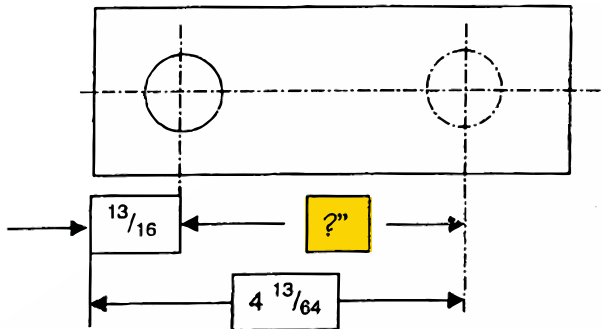
- 3 1/4 inches
- 5 3/8 inches
- 4 1/2 inches
- 5 11/16 inches

ANSWER:

2. A crew of three sheet metal workers is installing an HVAC duct system having 11,280 pounds of duct. 25% of the job must be completed per week. How many pounds must be installed per week?

ANSWER:

3. Compute the missing dimension on the drawing:



ANSWER:

4. How many square inches are there in a square foot?

ANSWER:

5. $31 + 21 =$

6. $542 - 451 =$

7. $21 + 16 - 12 =$

8. $14 \times 16 =$

9. $72 \div 8 =$

10. $\frac{1}{8} + \frac{3}{8} =$

11. $\frac{1}{4} + \frac{5}{8} + \frac{11}{16} =$

12. $\frac{15}{16} - \frac{3}{8} =$

13. $1 \frac{3}{8} - \frac{5}{8} =$

14. $\frac{5}{8} \times \frac{13}{16} =$

15. $1 \frac{15}{16} \times \frac{3}{8} =$

16. $\frac{20}{16} \div \frac{1}{16} =$

17. $\frac{17}{32} \div 1 \frac{1}{8} =$

18. $\frac{3}{8} \times \frac{15}{16} =$

19. $\frac{3}{16} \times \frac{24}{16} =$

20. 7% of \$35.00 =

21. 1% of \$85.00 =

22. 11% of \$1000.00 =

23. Find 10% of \$12.68 =

24. Convert 8 ft. to inches =

1. How much material will remain after the following pieces have been cut from a piece of hanger strap 24 inches long?

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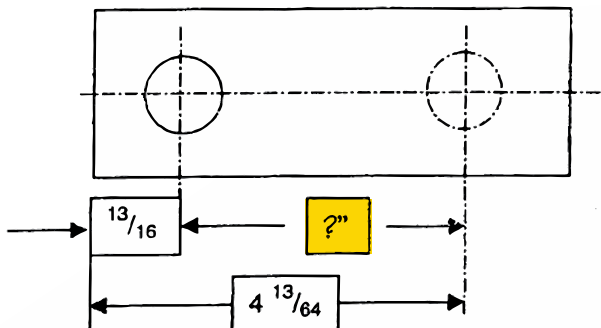
ANSWER:

5 3/16

2. A crew of three sheet metal workers is installing an HVAC duct system having 11,280 pounds of duct. 25% of the job must be completed per week. How many pounds must be installed per week?

ANSWER: 2,820 lb.

3. Compute the missing dimension on the drawing:



ANSWER:

3 25/64

4. How many square inches are there in a square foot?

ANSWER: 144 square inches

5. $31 + 21 = 52$

6. $542 - 451 = 91$

7. $21 + 16 - 12 = 25$

8. $14 \times 16 = 224$

9. $72 \div 8 = 9$

10. $1/8 + 3/8 = 1/2$

11. $1/4 + 5/8 + 11/16 = 19/16$

12. $15/16 - 3/8 = 9/16$

13. $1 \frac{3}{8} - 5/8 = 3/4$

14. $5/8 \times 13/16 = 65/128$

15. $1 \frac{15}{16} \times 3/8 = 93/128$

16. $20/16 \div 1/16 = 20$

17. $17/32 \div 1 \frac{1}{8} = 17/36$

18. $3/8 \times 15/16 = 45/128$

19. $3/16 \times 24/16 = 9/32$

20. 7% of \$35.00 = \$2.45

21. 1% of \$85.00 = \$0.85

22. 11% of \$1000.00 = \$110.00

23. Find 10% of \$12.68 = \$1.27

24. Convert 8 ft. to inches = 96 inches