

Unit 1 Addition of Whole Numbers

NUMERIC RESPONSE

1. An inventory of steel angle in two areas of a welding shop is 214 feet and 360 feet. What is the total angle in inventory, in feet?

ANS: 574

PTS: 1

2. An inventory of steel angle in three areas of a welding shop is 97 feet, 51 feet, and 36 feet. What is the total angle in inventory, in feet?

ANS: 184

PTS: 1

3. An inventory of steel angle in four areas of a welding shop is 13 feet, 47 feet, and 22 feet. What is the total angle in inventory, in feet?

ANS: 82

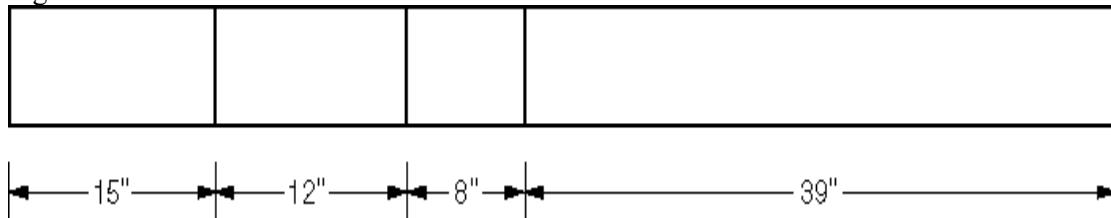
PTS: 1

4. An inventory of steel bar in five areas of a welding shop is 97 feet, 47 feet, 102 feet, 51 feet, and 36 feet. What is the total bar in inventory, in feet?

ANS: 333

PTS: 1

Figure 1-1



5. Figure 1-1 is layout work for a welded steel bar. Determine the total number of inches of steel used to make one bar.

ANS: 74

PTS: 1

6. Figure 1-1 is layout work for a welded steel bar. Determine the total number of inches of steel used to make two bars.

ANS: 148

PTS: 1

7. Figure 1-1 is layout work for a welded steel bar. Determine the total number of inches of steel used to make four bars.

ANS: 296

PTS: 1

8. A welded steel framework consists of steel plate, 1,201 pounds; key stock, 14 pounds; bolt stock, 102 pounds; and channel iron, 648 pounds. What is the total weight of the framework, in pounds?

ANS: 1,965

PTS: 1

9. A welded steel framework consists of steel plate, 1,408 pounds; key stock, 34 pounds; bolt stock, 114 pounds; and channel iron, 638 pounds. What is the total weight of the framework, in pounds?

ANS: 2,194

PTS: 1

10. A welded steel framework consists of steel plate, 1,100 pounds; key stock, 42 pounds; bolt stock, 127 pounds; and channel iron, 362 pounds. What is the total weight of the framework, in pounds?

ANS: 1,631

PTS: 1