ate: Score: _



Measurement Worksheet

Convert to the given units.

1. 12 feet
$$5\frac{5}{16}$$
 inches = inches

2. 3 feet
$$11\frac{1}{2}$$
 inches = inches

3. 3 feet
$$8\frac{5}{8}$$
 inches = inches

4. feet inches =
$$172\frac{11}{16}$$
 inches

5. feet inches =
$$53\frac{1}{2}$$
 inches

inches =
$$53\frac{1}{2}$$
 inches 6. 9 feet $10\frac{7}{8}$ inches inches

7. 6 feet
$$6\frac{1}{4}$$
 inches = inches

8. feet inches =
$$187 \frac{3}{4}$$
 inches

9. feet inches =
$$23\frac{11}{16}$$
 inches

10. feet inches =
$$48\frac{1}{2}$$
 inches

11. 13 feet
$$9\frac{1}{2}$$
 inches = inches

inches 12. 14 feet
$$9\frac{1}{4}$$
 inches = inches

13. 17 feet
$$3\frac{5}{8}$$
 inches = inches

14. feet inches =
$$63\frac{1}{2}$$
 inches

15. feet inches =
$$59\frac{1}{8}$$
 inches

inches =
$$59\frac{1}{8}$$
 inches 16. 15 feet $7\frac{1}{2}$ inches = inches

17. 14 feet
$$4\frac{3}{4}$$
 inches = inches

18. feet inches =
$$89\frac{7}{8}$$
 inches

Score:



Measurement Worksheet

Answers

1. 12 feet
$$5\frac{5}{16}$$
 inches = $149\frac{5}{16}$ inches 2. 3 feet $11\frac{1}{2}$ inches = $47\frac{1}{2}$ inches

2. 3 feet
$$11\frac{1}{2}$$
 inches = $47\frac{1}{2}$ inches

3. 3 feet
$$8\frac{5}{8}$$
 inches = $44\frac{5}{8}$ inches

4. 14 feet
$$4\frac{11}{16}$$
 inches = $172\frac{11}{16}$ inches

5.
$$\left[\begin{array}{c} 4 \end{array}\right]$$
 feet $\left[\begin{array}{c} 5\frac{1}{2} \end{array}\right]$ inches = $53\frac{1}{2}$ inches

feet
$$5\frac{1}{2}$$
 inches = $53\frac{1}{2}$ inches 6. 9 feet $10\frac{7}{8}$ inches = $118\frac{7}{8}$ inches

7. 6 feet
$$6\frac{1}{4}$$
 inches = $\boxed{78\frac{1}{4}}$ inches

8.
$$\left[\begin{array}{c} 15 \end{array}\right] \text{ feet } \left[\begin{array}{c} 7\frac{3}{4} \end{array}\right] \text{ inches } = 187\frac{3}{4} \text{ inches}$$

9.
$$\boxed{1 \quad \text{feet} \quad 11\frac{11}{16} \quad \text{inches} = 23\frac{11}{16} \text{ inches}}$$

10.
$$\left[\begin{array}{c} 4 \end{array}\right]$$
 feet $\left[\begin{array}{c} \frac{1}{2} \end{array}\right]$ inches = $48\frac{1}{2}$ inches

11. 13 feet
$$9\frac{1}{2}$$
 inches = $165\frac{1}{2}$ inches

11. 13 feet
$$9\frac{1}{2}$$
 inches = $165\frac{1}{2}$ inches 12. 14 feet $9\frac{1}{4}$ inches = $177\frac{1}{4}$ inches

13. 17 feet
$$3\frac{5}{8}$$
 inches = $207\frac{5}{8}$ inches

14.
$$\int \int \text{feet} \int 3\frac{1}{2} \text{ inches} = 63\frac{1}{2} \text{ inches}$$

15.
$$\left[\begin{array}{c} 4 \end{array}\right]$$
 feet $\left[\begin{array}{c} 11\frac{1}{8} \end{array}\right]$ inches = $59\frac{1}{8}$ inches

feet
$$11\frac{1}{8}$$
 inches = $59\frac{1}{8}$ inches 16. 15 feet $7\frac{1}{2}$ inches = $187\frac{1}{2}$ inches

17. 14 feet
$$4\frac{3}{4}$$
 inches = $\left[172\frac{3}{4}\right]$ inches

18.
$$\left[\begin{array}{c} 7 \\ \end{array}\right]$$
 feet $\left[\begin{array}{c} 5\frac{7}{8} \\ \end{array}\right]$ inches = $89\frac{7}{8}$ inches