

SAMPLE

Score: \_\_\_\_/16

**Word Problems - Length**

1. Express 100 inches in feet and inches.

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2-5. A pole is 25 yards long.

2. Express the length in feet.

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3. Calculate the length in inches.

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The pole is cut into three pieces. Two pieces are 20 ft 10 in and 25 ft 6 in.

4. What is the total length of the two pieces?

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5. What is the length of the third piece?

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6. A cord 10 feet long is wound around a wheel. Each round is 10 inches long.

How many rounds will be made around the wheel?

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7-8. 14 pieces of wood, that are 2 ft 6 in each, are joined together end to end.

7. How many joints will there be?

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8. What will be the total length? Answer in ft.

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9. 9 blocks are placed one next to each other. Their total length is 6 ft.

What is the length of each block? Answer in inches.

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**Logic:**

10. Gary looks down a well. He drops a 500-foot measuring tape into the well, from the end that reads "500 ft." He stops when the end of the tape reaches the bottom. The tape reads 262 feet in his hand. How deep is the well?

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**11-16. Calculate mentally and write the answer:**

11.  $7000 + 500 + 9$

12.  $13 + 5000 + 300$

13.  $20,000 + 1500 + 50$

14.  $200 + 7 + 15,000$

15.  $35,000 + 90 + 7$

16.  $5000 + 60,000 + 25$