

Measurement Facts

Use the STARR Formula Chart – Grade 5 to answer these questions.

1. How many yards are in a mile? _____
2. How many ^{fluid} ounces are in a cup? _____
3. How many pounds are in a ton? _____
4. How many ^{fluid} ounces are in a gallon? _____
5. How many centimeters are in a kilometer? _____
6. How many feet in three miles? _____
7. How many inches in half of a yard? _____
8. How many pounds in one eighth of a ton? _____
9. How many milligrams in one tenth of a gram? _____
10. A centimeter is one hundredth of a _____
11. An ounce is one sixteenth of a _____
12. How many yards are in 180 inches? _____
13. One tenth of a meter is a _____

Solve these problems. Use the formula chart if needed.

14. Sally has 2 yards of cloth. How many inches is this? _____
15. Tony ran 1 and a half kilometers. How many meters is this? _____
16. Gina has 2 feet plus 2 inches of rope. How many inches is this? _____
17. Hazel has 4 feet of ribbon. How many inches does she have? _____
18. Hope ate 6 ounces of chocolate. What fraction of a pound is this? _____
19. Daniel's skateboard is 1 and a half meter long. How many centimeters is this?

20. Jill ate 1 and one fourth yards of licorice. How many inches is this? _____