



Math Worksheet for 6th Grade

Visualize percents

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

1. On a double number line, 50
2. On a double number line, 20
3. If 40
4. If 25
5. If 5
6. If 75
7. On a double number line, 8
8. If 60
9. A plant grew 15
10. A shirt is 30
11. If 12.5% corresponds to 10, what is 100%?
12. If 2.5% corresponds to 1.25, what is 100%?
13. On a double number line, 18% corresponds to 45. Find 1% and then 100%.
14. There are 28 students in a class, and that is 70% of the grade level. How many students are in the whole grade level?
15. If 40% of a number is 22, what is the whole number?
16. $33\frac{1}{3}\%$ (one-third) of a value is 15. What is the whole value?
17. On a double number line, 90% corresponds to 27. What is 10% and what is 100%?
18. A map shows a distance of 5 miles that represents 25% of the route. What is the full route distance?
19. 85% of an amount is 153. What is 100%?
20. If 7% of a quantity is 14, what is the whole quantity?
21. 50% of the students (84) are girls. How many students are there in total?
22. A mixture is 30% salt and contains 6 g of salt. What is the total mass of the mixture?
23. 65% corresponds to 52 on a double number line. Find 100%.
24. If 100% of a quantity is 50, what is 125% of it?
25. 14 is 35% of a number. Find the number.



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26. A tape diagram is divided into 4 equal parts representing the whole. One part equals 15. What is the whole?
27. A tape diagram shows two parts shaded representing 40% of the whole. The shaded total is 12. What is the whole?
28. A tape diagram has 5 equal parts. Three parts represent 60% and equal 36. What is the whole?
29. In a tape diagram, 25% equals 7.5. What is the whole?
30. A tape diagram has 8 equal parts. Five parts equal 62.5. What is the full amount?
31. One piece of a tape diagram is labeled 20 and it represents 20% of the whole. What is the whole?
32. A ribbon is divided into 10 equal parts in a tape diagram; seven parts represent 280 cm. What is the whole length?
33. One section of a tape diagram is 45 and represents 75% of the whole. Find the whole.
34. Six equal parts make the whole in a tape diagram. Two parts equal 30 and represent 40% of the whole. What is the whole?
35. A tape diagram is split into 4 parts; one part is 18 and corresponds to 25% of the whole. What is the whole?
36. Three equal parts make up the whole; two parts combined are 80% and measure 56. What is the whole?
37. A tape diagram has 9 equal boxes; 2 boxes represent 20% and together equal 40. What is the whole?
38. A tape diagram is split into 5 parts: 4 parts equal 48, which is 80% of the whole. What is the whole?
39. A tape diagram shows 3 of 4 equal parts represent 75% and measure 150 students. How many students are there in total?
40. The tape diagram has 12 equal parts; 3 parts equal 27 and represent 25% of the whole. What is the whole?
41. In a tape diagram, 30 is 12% of the whole. What is the whole?
42. The shaded part of a tape diagram equals 18 and is labeled 15% of the total. What is the total?
43. A tape diagram has 5 equal sections; one section equals 2.5% of the whole and measures 5. What is the whole?
44. A tape diagram shows that 10% of a number equals 6. What is the whole number?
45. A money-chart tape diagram splits the total into 20 equal parts; 4 parts equal \$48 and represent 20
46. A painter finishes 30
47. A box contains some candies. A tape diagram shows 40 candies represent 40
48. 55
49. A tape diagram shows three sections equal to $\frac{3}{4}$ (75
50. A student got 18 questions correct, which is 60