



Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Math Worksheet for 5th Grade

Divide decimals by whole numbers

1. Use a fraction model to divide $0.6 \div 3$.
2. Use a fraction model to divide $1.2 \div 4$.
3. Use a fraction model to divide $2.4 \div 6$.
4. Use a fraction model to divide $0.75 \div 3$.
5. Use a fraction model to divide $0.9 \div 3$.
6. Use a fraction model to divide $1.5 \div 5$.
7. Use a fraction model to divide $0.48 \div 6$.
8. Use a fraction model to divide $3.6 \div 4$.
9. Use a fraction model to divide $4.5 \div 9$.
10. Use a fraction model to divide $0.25 \div 5$.
11. Use a fraction model to divide $2.5 \div 5$.
12. Use a fraction model to divide $5.0 \div 4$.
13. Use a fraction model to divide $0.8 \div 2$.
14. Use a fraction model to divide $7.2 \div 8$.
15. Use a fraction model to divide $6.3 \div 3$.
16. Use a fraction model to divide $0.56 \div 7$.
17. Use a fraction model to divide $9.6 \div 12$.

Dividing a decimal by a whole number on the number line (show equal jumps or equal parts on the number line)

18. Use a number line to divide $1.5 \div 3$.
19. Use a number line to divide $2.0 \div 4$.
20. Use a number line to divide $0.6 \div 2$.
21. Use a number line to divide $3.3 \div 3$.
22. Use a number line to divide $4.8 \div 6$.
23. Use a number line to divide $5.5 \div 5$.
24. Use a number line to divide $0.45 \div 5$.
25. Use a number line to divide $7.5 \div 3$.
26. Use a number line to divide $8.4 \div 7$.
27. Use a number line to divide $0.3 \div 3$.
28. Use a number line to divide $6.0 \div 4$.
29. Use a number line to divide $2.25 \div 5$.
30. Use a number line to divide $9.0 \div 9$.
31. Use a number line to divide $0.72 \div 8$.



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32. Use a number line to divide $10.0 \div 5$.

33. Use a number line to divide $12.6 \div 9$.

Dividing a decimal by a whole number – examples and word problems

34. Calculate $3.9 \div 3$.

35. Calculate $0.84 \div 6$.

36. Calculate $14.4 \div 8$.

37. Calculate $0.36 \div 4$.

38. School has 9.0 liters of paint and shares it equally among 6 classrooms. How many liters does each classroom get?

39. A ribbon 2.75 meters long is cut into 5 equal pieces. How long is each piece?

40. A baker uses 3.6 kg of sugar to make 4 batches. How much sugar per batch?

41. A package has 0.95 kg of nuts and is divided into 5 equal snack bags. How much nuts are in each bag?

42. A car travels 12.5 miles using 5 gallons of gas. How many miles per gallon?

43. Liam has \$9.60 and wants to buy 6 identical stickers. How much does each sticker cost?

44. A swimming pool needs 4.8 liters of chlorine added in 6 equal doses. How much per dose?

45. A box contains 7.5 kg of apples and is packed into 5 equal crates. How many kilograms per crate?

46. A farmer divides 3.25 acres of land into 5 equal plots. How large is each plot?

47. A teacher buys 18.6 meters of fabric to make 3 curtains, each curtain the same length. How long is each curtain?

48. A water tank holds 6.4 liters; it is poured equally into 8 bottles. How many liters per bottle?

49. A recipe calls for 2.4 cups of milk to make 6 pancakes. How much milk per pancake?

50. A train travels 24.0 miles in 3 hours. What is the average miles per hour?