Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 5 of 10

Divide. Multiply both numbers by 10 or 100 so the divisor is a whole number, then divide.
Example: 2.4 ÷ 0.6 is the same as 24 ÷ 6 = 4.

Part A: Tenths divided by tenths

1. 2.7 ÷ 0.3 = _____
2. 4.5 ÷ 0.5 = _____
3. 3 ÷ 0.6 = _____
4. 2.1 ÷ 0.3 = _____
5. 7.2 ÷ 0.9 = _____
6. 4 ÷ 0.5 = _____

Part B: Hundredths divided by hundredths

7. 0.76 ÷ 0.38 = _____
8. 3.06 ÷ 0.51 = _____
9. 1.17 ÷ 0.39 = _____
10. 3.3 ÷ 0.66 = _____
11. 0.36 ÷ 0.18 = _____
12. 1.2 ÷ 0.24 = _____

Part C: The quotient has tenths

13. 2.46 ÷ 0.6 = _____
14. 0.64 ÷ 0.2 = _____
15. 1.71 ÷ 0.3 = _____
16. 0.5 ÷ 0.2 = _____
17. 0.39 ÷ 0.3 = _____
18. 1.47 ÷ 0.7 = _____

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 5 of 10

Divide. Multiply both numbers by 10 or 100 so the divisor is a whole number, then divide.
Example: 2.4 ÷ 0.6 is the same as 24 ÷ 6 = 4.

Part A: Tenths divided by tenths

1. 2.7 ÷ 0.3 = **9**
2. 4.5 ÷ 0.5 = **9**
3. 3 ÷ 0.6 = **5**
4. 2.1 ÷ 0.3 = **7**
5. 7.2 ÷ 0.9 = **8**
6. 4 ÷ 0.5 = **8**

Part B: Hundredths divided by hundredths

7. 0.76 ÷ 0.38 = **2**
8. 3.06 ÷ 0.51 = **6**
9. 1.17 ÷ 0.39 = **3**
10. 3.3 ÷ 0.66 = **5**
11. 0.36 ÷ 0.18 = **2**
12. 1.2 ÷ 0.24 = **5**

Part C: The quotient has tenths

13. 2.46 ÷ 0.6 = **4.1**
14. 0.64 ÷ 0.2 = **3.2**
15. 1.71 ÷ 0.3 = **5.7**
16. 0.5 ÷ 0.2 = **2.5**
17. 0.39 ÷ 0.3 = **1.3**
18. 1.47 ÷ 0.7 = **2.1**