Name: _____ Date: _____

# Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 8 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. 8.1 ÷ 0.9 = _____
2. 2.4 ÷ 0.6 = _____
3. 4 ÷ 0.8 = _____
4. 1.4 ÷ 0.2 = _____
5. 7.2 ÷ 0.6 = _____
6. 4.8 ÷ 0.4 = _____

**Part B: Hundredths divided by hundredths**

7. 1.95 ÷ 0.65 = _____
8. 2.82 ÷ 0.94 = _____
9. 5.22 ÷ 0.87 = _____
10. 2.52 ÷ 0.42 = _____
11. 7.29 ÷ 0.81 = _____
12. 2.8 ÷ 0.56 = _____

**Part C: The quotient has tenths**

13. 0.54 ÷ 0.2 = _____
14. 3.15 ÷ 0.7 = _____
15. 1.62 ÷ 0.3 = _____
16. 3.71 ÷ 0.7 = _____
17. 4.56 ÷ 0.8 = _____
18. 3.18 ÷ 0.6 = _____

# Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 8 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. 8.1 ÷ 0.9 = **9**
2. 2.4 ÷ 0.6 = **4**
3. 4 ÷ 0.8 = **5**
4. 1.4 ÷ 0.2 = **7**
5. 7.2 ÷ 0.6 = **12**
6. 4.8 ÷ 0.4 = **12**

**Part B: Hundredths divided by hundredths**

7. 1.95 ÷ 0.65 = **3**
8. 2.82 ÷ 0.94 = **3**
9. 5.22 ÷ 0.87 = **6**
10. 2.52 ÷ 0.42 = **6**
11. 7.29 ÷ 0.81 = **9**
12. 2.8 ÷ 0.56 = **5**

**Part C: The quotient has tenths**

13. 0.54 ÷ 0.2 = **2.7**
14. 3.15 ÷ 0.7 = **4.5**
15. 1.62 ÷ 0.3 = **5.4**
16. 3.71 ÷ 0.7 = **5.3**
17. 4.56 ÷ 0.8 = **5.7**
18. 3.18 ÷ 0.6 = **5.3**