Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 1 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. 2.4 ÷ 0.2 = _____
2. 4.2 ÷ 0.7 = _____
3. 9.6 ÷ 0.8 = _____
4. 9.9 ÷ 0.9 = _____
5. 2.2 ÷ 0.2 = _____
6. 2.5 ÷ 0.5 = _____

Part B: Hundredths divided by hundredths

7. 1.04 ÷ 0.26 = _____
8. 1.08 ÷ 0.12 = _____
9. 5.36 ÷ 0.67 = _____
10. 6.93 ÷ 0.77 = _____
11. 1.02 ÷ 0.34 = _____
12. 5.53 ÷ 0.79 = _____

Part C: The quotient has tenths

13. 2.95 ÷ 0.5 = _____
14. 0.56 ÷ 0.2 = _____
15. 4.68 ÷ 0.9 = _____
16. 2.88 ÷ 0.6 = _____
17. 2.45 ÷ 0.7 = _____
18. 0.33 ÷ 0.3 = _____

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 1 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. 2.4 ÷ 0.2 = **12**
2. 4.2 ÷ 0.7 = **6**
3. 9.6 ÷ 0.8 = **12**
4. 9.9 ÷ 0.9 = **11**
5. 2.2 ÷ 0.2 = **11**
6. 2.5 ÷ 0.5 = **5**

Part B: Hundredths divided by hundredths

7. 1.04 ÷ 0.26 = **4**
8. 1.08 ÷ 0.12 = **9**
9. 5.36 ÷ 0.67 = **8**
10. 6.93 ÷ 0.77 = **9**
11. 1.02 ÷ 0.34 = **3**
12. 5.53 ÷ 0.79 = **7**

Part C: The quotient has tenths

13. 2.95 ÷ 0.5 = **5.9**
14. 0.56 ÷ 0.2 = **2.8**
15. 4.68 ÷ 0.9 = **5.2**
16. 2.88 ÷ 0.6 = **4.8**
17. 2.45 ÷ 0.7 = **3.5**
18. 0.33 ÷ 0.3 = **1.1**