Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 10 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. 3.3 ÷ 0.3 = _____
2. 0.9 ÷ 0.3 = _____
3. 3.5 ÷ 0.7 = _____
4. 6.6 ÷ 0.6 = _____
5. 2.8 ÷ 0.7 = _____
6. 10.8 ÷ 0.9 = _____

Part B: Hundredths divided by hundredths

7. 7.83 ÷ 0.87 = _____
8. 1.56 ÷ 0.26 = _____
9. 7.04 ÷ 0.88 = _____
10. 6 ÷ 0.75 = _____
11. 1.33 ÷ 0.19 = _____
12. 1.71 ÷ 0.57 = _____

Part C: The quotient has tenths

13. 1.12 ÷ 0.8 = _____
14. 3.6 ÷ 0.8 = _____
15. 0.92 ÷ 0.2 = _____
16. 3.78 ÷ 0.7 = _____
17. 1.02 ÷ 0.3 = _____
18. 0.36 ÷ 0.3 = _____

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 10 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. 3.3 ÷ 0.3 = **11**
2. 0.9 ÷ 0.3 = **3**
3. 3.5 ÷ 0.7 = **5**
4. 6.6 ÷ 0.6 = **11**
5. 2.8 ÷ 0.7 = **4**
6. 10.8 ÷ 0.9 = **12**

Part B: Hundredths divided by hundredths

7. 7.83 ÷ 0.87 = **9**
8. 1.56 ÷ 0.26 = **6**
9. 7.04 ÷ 0.88 = **8**
10. 6 ÷ 0.75 = **8**
11. 1.33 ÷ 0.19 = **7**
12. 1.71 ÷ 0.57 = **3**

Part C: The quotient has tenths

13. 1.12 ÷ 0.8 = **1.4**
14. 3.6 ÷ 0.8 = **4.5**
15. 0.92 ÷ 0.2 = **4.6**
16. 3.78 ÷ 0.7 = **5.4**
17. 1.02 ÷ 0.3 = **3.4**
18. 0.36 ÷ 0.3 = **1.2**