Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 9 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. 3.6 ÷ 0.6 = _____
2. 3.6 ÷ 0.3 = _____
3. 9 ÷ 0.9 = _____
4. 5.4 ÷ 0.6 = _____
5. 2.7 ÷ 0.9 = _____
6. 3.6 ÷ 0.9 = _____

Part B: Hundredths divided by hundredths

7. 5.81 ÷ 0.83 = _____
8. 1.05 ÷ 0.21 = _____
9. 3.99 ÷ 0.57 = _____
10. 2.66 ÷ 0.38 = _____
11. 4.1 ÷ 0.82 = _____
12. 1.76 ÷ 0.88 = _____

Part C: The quotient has tenths

13. 1.35 ÷ 0.5 = _____
14. 1.19 ÷ 0.7 = _____
15. 1.68 ÷ 0.8 = _____
16. 1.98 ÷ 0.6 = _____
17. 2.2 ÷ 0.5 = _____
18. 1.68 ÷ 0.6 = _____

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 9 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. 3.6 ÷ 0.6 = **6**
2. 3.6 ÷ 0.3 = **12**
3. 9 ÷ 0.9 = **10**
4. 5.4 ÷ 0.6 = **9**
5. 2.7 ÷ 0.9 = **3**
6. 3.6 ÷ 0.9 = **4**

Part B: Hundredths divided by hundredths

7. 5.81 ÷ 0.83 = **7**
8. 1.05 ÷ 0.21 = **5**
9. 3.99 ÷ 0.57 = **7**
10. 2.66 ÷ 0.38 = **7**
11. 4.1 ÷ 0.82 = **5**
12. 1.76 ÷ 0.88 = **2**

Part C: The quotient has tenths

13. 1.35 ÷ 0.5 = **2.7**
14. 1.19 ÷ 0.7 = **1.7**
15. 1.68 ÷ 0.8 = **2.1**
16. 1.98 ÷ 0.6 = **3.3**
17. 2.2 ÷ 0.5 = **4.4**
18. 1.68 ÷ 0.6 = **2.8**