Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 6 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. 4.8 ÷ 0.6 = _____
2. 1.2 ÷ 0.4 = _____
3. 3.5 ÷ 0.5 = _____
4. 3.6 ÷ 0.4 = _____
5. 7 ÷ 0.7 = _____
6. 1.8 ÷ 0.3 = _____

Part B: Hundredths divided by hundredths

7. 1.36 ÷ 0.34 = _____
8. 2.56 ÷ 0.32 = _____
9. 4.02 ÷ 0.67 = _____
10. 1.96 ÷ 0.49 = _____
11. 2.88 ÷ 0.48 = _____
12. 1.53 ÷ 0.51 = _____

Part C: The quotient has tenths

13. 0.8 ÷ 0.5 = _____
14. 4.95 ÷ 0.9 = _____
15. 1.1 ÷ 0.2 = _____
16. 1.62 ÷ 0.9 = _____
17. 4.32 ÷ 0.9 = _____
18. 1.11 ÷ 0.3 = _____

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 6 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. 4.8 ÷ 0.6 = **8**
2. 1.2 ÷ 0.4 = **3**
3. 3.5 ÷ 0.5 = **7**
4. 3.6 ÷ 0.4 = **9**
5. 7 ÷ 0.7 = **10**
6. 1.8 ÷ 0.3 = **6**

Part B: Hundredths divided by hundredths

7. 1.36 ÷ 0.34 = **4**
8. 2.56 ÷ 0.32 = **8**
9. 4.02 ÷ 0.67 = **6**
10. 1.96 ÷ 0.49 = **4**
11. 2.88 ÷ 0.48 = **6**
12. 1.53 ÷ 0.51 = **3**

Part C: The quotient has tenths

13. 0.8 ÷ 0.5 = **1.6**
14. 4.95 ÷ 0.9 = **5.5**
15. 1.1 ÷ 0.2 = **5.5**
16. 1.62 ÷ 0.9 = **1.8**
17. 4.32 ÷ 0.9 = **4.8**
18. 1.11 ÷ 0.3 = **3.7**