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 = _____

Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 2 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. 4.4 ÷ 0.4 = _____
2. 1 ÷ 0.2 = _____
3. 1.5 ÷ 0.3 = _____
4. 1.6 ÷ 0.4 = _____
5. 2.1 ÷ 0.7 = _____
6. 1.2 ÷ 0.2 = _____

Part B: Hundredths divided by hundredths

7. 6.66 ÷ 0.74 = _____
8. 3.71 ÷ 0.53 = _____
9. 2.04 ÷ 0.68 = _____
10. 0.38 ÷ 0.19 = _____
11. 1.38 ÷ 0.69 = _____
12. 2.8 ÷ 0.35 = _____

Part C: The quotient has tenths

13. 0.56 ÷ 0.4 = _____
14. 0.93 ÷ 0.3 = _____
15. 1.62 ÷ 0.6 = _____
16. 1.08 ÷ 0.9 = _____
17. 1.65 ÷ 0.3 = _____
18. 2.61 ÷ 0.9 = _____

Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 3 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. 1.6 ÷ 0.2 = _____
2. 8.4 ÷ 0.7 = _____
3. 3.2 ÷ 0.8 = _____
4. 1.8 ÷ 0.2 = _____
5. 4.5 ÷ 0.9 = _____
6. 6 ÷ 0.6 = _____

Part B: Hundredths divided by hundredths

7. 4.41 ÷ 0.49 = _____
8. 2.52 ÷ 0.84 = _____
9. 2.34 ÷ 0.26 = _____
10. 3.84 ÷ 0.64 = _____
11. 2.64 ÷ 0.66 = _____
12. 2.58 ÷ 0.86 = _____

Part C: The quotient has tenths

13. 0.72 ÷ 0.6 = _____
14. 0.66 ÷ 0.6 = _____
15. 0.95 ÷ 0.5 = _____
16. 2.34 ÷ 0.6 = _____
17. 1.76 ÷ 0.4 = _____
18. 1.35 ÷ 0.9 = _____

Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 4 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 ÷ 0.4 = _____
2. 1.5 ÷ 0.5 = _____
3. 6.3 ÷ 0.9 = _____
4. 4.2 ÷ 0.6 = _____
5. 3.2 ÷ 0.4 = _____
6. 5.6 ÷ 0.7 = _____

Part B: Hundredths divided by hundredths

7. 6.16 ÷ 0.88 = _____
8. 4.25 ÷ 0.85 = _____
9. 2.08 ÷ 0.52 = _____
10. 1.98 ÷ 0.66 = _____
11. 5.95 ÷ 0.85 = _____
12. 5.58 ÷ 0.62 = _____

Part C: The quotient has tenths

13. 1.8 ÷ 0.4 = _____
14. 3.54 ÷ 0.6 = _____
15. 1.24 ÷ 0.4 = _____
16. 3.36 ÷ 0.6 = _____
17. 1.84 ÷ 0.8 = _____
18. 0.88 ÷ 0.4 = _____

Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 5 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. 2.7 ÷ 0.3 = _____
2. 4.5 ÷ 0.5 = _____
3. 3 ÷ 0.6 = _____
4. 2.1 ÷ 0.3 = _____
5. 7.2 ÷ 0.9 = _____
6. 4 ÷ 0.5 = _____

Part B: Hundredths divided by hundredths

7. 0.76 ÷ 0.38 = _____
8. 3.06 ÷ 0.51 = _____
9. 1.17 ÷ 0.39 = _____
10. 3.3 ÷ 0.66 = _____
11. 0.36 ÷ 0.18 = _____
12. 1.2 ÷ 0.24 = _____

Part C: The quotient has tenths

13. 2.46 ÷ 0.6 = _____
14. 0.64 ÷ 0.2 = _____
15. 1.71 ÷ 0.3 = _____
16. 0.5 ÷ 0.2 = _____
17. 0.39 ÷ 0.3 = _____
18. 1.47 ÷ 0.7 = _____

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 = _____

Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 7 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 ÷ 0.2 = _____
2. 2.8 ÷ 0.4 = _____
3. 5.4 ÷ 0.9 = _____
4. 4.9 ÷ 0.7 = _____
5. 1.8 ÷ 0.6 = _____
6. 3 ÷ 0.3 = _____

Part B: Hundredths divided by hundredths

7. 6.65 ÷ 0.95 = _____
8. 3.72 ÷ 0.93 = _____
9. 0.64 ÷ 0.32 = _____
10. 0.91 ÷ 0.13 = _____
11. 0.66 ÷ 0.33 = _____
12. 4.68 ÷ 0.52 = _____

Part C: The quotient has tenths

13. 3.44 ÷ 0.8 = _____
14. 0.52 ÷ 0.4 = _____
15. 2.56 ÷ 0.8 = _____
16. 2.88 ÷ 0.8 = _____
17. 1.92 ÷ 0.8 = _____
18. 0.72 ÷ 0.3 = _____

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 = _____

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 = _____

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 = _____