

FRACTION TO DECIMAL

• CHART •

★ Fractions and decimals show parts of a whole. ★

FRACTION	DECIMAL	FRACTION	DECIMAL
0/1	0	1/4	0.25
1/10	0.1	2/4	0.5
1/5	0.2	3/4	0.75
3/10	0.3	1/8	0.125
2/5	0.4	3/8	0.375
1/2	0.5	5/8	0.625
3/5	0.6	7/8	0.875
7/10	0.7	1/3	0.333...
4/5	0.8	2/3	0.666...
9/10	0.9	1/6	0.166...
1/1	1	5/6	0.833...



If the decimal has repeating digits, a bar is sometimes used (for example, $0.\overline{3} = 0.333...$).

PRACTICE: Convert the fractions to decimals.

1. $3/10 =$ _____
2. $1/4 =$ _____
3. $2/5 =$ _____
4. $3/8 =$ _____
5. $1/2 =$ _____

6. $7/10 =$ _____
7. $3/4 =$ _____
8. $5/8 =$ _____
9. $2/3 =$ _____
10. $9/10 =$ _____

TIP:
Divide the
numerator by
the denominator
to find the
decimal!