Year 5


## Decimals

Multiplying and Dividing by
10,100 and 1000



## Adding and Subtracting Decimals

| $0.8+0.001=0.801$ |
| :---: |
| $1.031-0.23=0.801$ |
| $0.4005+0.4005=0.801$ |

## Rounding Decimals

\section*{1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | 2}

If the tenths digit is $1,2,3$ or 4 , we round down to the nearest whole number.

If the tenths digit is $5,6,7,8$ or 9 , we round up to the nearest whole number.

1.1 | 1.11 | 1.12 | 1.13 | 1.14 | 1.15 | 1.16 | 1.17 | 1.18 | 1.19 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | 1.2

If the hundredths digit is $1,2,3$ or 4 ,
we round down to the nearest tenth.
If the hundredths digit is $5,6,7,8$ or 9 , we round up to the nearest tenth.

Percentage and Decimal Equivalents

$50 \%=\frac{50}{100}=\frac{1}{2}=0.5$ $\qquad$ $25 \%=\frac{25}{100}=\frac{1}{4}=0.25$

$10 \%=\frac{10}{100}=\frac{1}{10}=0.1$

$20 \%=\frac{20}{100}=\frac{1}{5}=0.2 \quad 1 \%=\frac{1}{100}=0.0$
$40 \%=\frac{40}{100}=\frac{2}{5}=0.4$

Crossing the Whole
$0.82+0.63=1.45$
$2.531-0.6=1.931$
$70 \%=\frac{70}{100}=\frac{7}{10}=0.7$

