

Rounding to Significant Figures

Q1) Round the given numbers to 1 significant figure.

a) $17 = \underline{\hspace{2cm}}$

b) $0.61 = \underline{\hspace{2cm}}$

c) $275 = \underline{\hspace{2cm}}$

d) $8096 = \underline{\hspace{2cm}}$

e) $2.76 = \underline{\hspace{2cm}}$

f) $272 = \underline{\hspace{2cm}}$

g) $0.039 = \underline{\hspace{2cm}}$

h) $5.78 = \underline{\hspace{2cm}}$

i) $1.83 = \underline{\hspace{2cm}}$

Q2) Round the given numbers to 2 significant figures.

a) $0.0652 = \underline{\hspace{2cm}}$

b) $75.08 = \underline{\hspace{2cm}}$

c) $17.58 = \underline{\hspace{2cm}}$

d) $0.653 = \underline{\hspace{2cm}}$

e) $57.27 = \underline{\hspace{2cm}}$

f) $8709 = \underline{\hspace{2cm}}$

g) $14.8 = \underline{\hspace{2cm}}$

h) $3247 = \underline{\hspace{2cm}}$

i) $5.448 = \underline{\hspace{2cm}}$

Q3) Round the given numbers to 3 significant figures.

a) $14,090 = \underline{\hspace{2cm}}$

b) $939.25 = \underline{\hspace{2cm}}$

c) $18.1111 = \underline{\hspace{2cm}}$

d) $0.008499 = \underline{\hspace{2cm}}$

e) $0.6789 = \underline{\hspace{2cm}}$

f) $23.79 = \underline{\hspace{2cm}}$

Name: _____

Date: _____

Rounding to Significant Figures

Q1)

Answers

a) $17 = \underline{20}$

b) $0.61 = \underline{0.6}$

c) $275 = \underline{300}$

d) $8096 = \underline{8000}$

e) $2.76 = \underline{3}$

f) $272 = \underline{300}$

g) $0.039 = \underline{0.04}$

h) $5.78 = \underline{6}$

i) $1.83 = \underline{2}$

Q2)

Answers

a) $0.0652 = \underline{0.065}$

b) $75.08 = \underline{75}$

c) $17.58 = \underline{18}$

d) $0.653 = \underline{0.65}$

e) $57.27 = \underline{57}$

f) $8709 = \underline{8700}$

g) $14.8 = \underline{15}$

h) $3247 = \underline{3200}$

i) $5.448 = \underline{5.4}$

Q3)

Answers

a) $14,090 = \underline{14,100}$

b) $939.25 = \underline{939}$

c) $18.1111 = \underline{18.1}$

d) $0.008499 = \underline{0.00850}$

e) $0.6789 = \underline{0.679}$

f) $23.79 = \underline{23.8}$