

Name:

Class/Set:

Evaluating Expressions on a Calculator

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1: Work out the following (write down all the figures on your calculator):

a) $\frac{5.3 \times 4.5}{9.6 + 3.4}$

b) $\frac{9.2 + 4.3}{1.7 \times 1.4}$

c) $\frac{2.4 - 9.3}{3.2 \times 7.3}$

d) $\frac{5.7 + 2.5}{8.3 + 9.5}$

e) $\frac{4.4 - 1.2}{9.4 + 3.8}$

f) $\frac{6.4 - 2.6}{8.1 \times 3.6}$

g) $\frac{6.9 + 4.9}{1.5 + 4.6}$

h) $\frac{9.9 + 2.2}{9.6 \times 6.5}$

i) $\frac{5.6 \times 9.8}{6.8 + 6.6}$

j) $\frac{3.7 - 7.1}{2.7 + 4.1}$

k) $\frac{5.5 - 2.3}{8.4 \times 7.8}$

l) $\frac{8.9 + 8.2}{9.7 \times 6.3}$

m) $\frac{1.1 \times 4.8}{5.1 + 4.2}$

n) $\frac{7.4 + 7.2}{2.8 + 7.9}$

o) $\frac{7.6 - 8.5}{8.7 + 2.1}$

2: Work out the following (write down all the figures on your calculator):

a) $\frac{1.6 \times (-7.5)}{(-5.9) + (-6.1)}$

b) $\frac{(-5.4) + (-3.1)}{5.8 + (-9.1)}$

c) $\frac{8.6 + 3.5}{(-2.9) \times (-1.3)}$

d) $\frac{(-6.2) - 1.8}{8.8 + (-3.9)}$

e) $\frac{4.7 - (-6.7)}{7.7 \times (-5.2)}$

f) $\frac{(-1.9) + (-3.3)}{3.7 + 5.7}$

g) $\frac{7.3 \times 8.3}{6.5 + (-1.2)}$

h) $\frac{(-1.4) + (-9.8)}{(-5.5) \times (-2.2)}$

i) $\frac{(-3.8) - 6.8}{4.4 + 2.4}$

j) $\frac{3.2 - 2.7}{(-9.4) \times 4.6}$

k) $\frac{(-6.9) + 9.6}{(-9.7) \times (-2.6)}$

l) $\frac{(-7.4) - 8.5}{(-5.6) + 4.2}$

m) $\frac{(-8.1) + (-5.3)}{(-6.4) + 4.9}$

n) $\frac{9.3 \times (-5.1)}{(-9.9) + 7.8}$

o) $\frac{3.4 - (-8.7)}{4.3 \times 7.6}$

Answers: Evaluating Expressions on a Calculator

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1: a) $\frac{23.85}{13} = 1.834615385$ b) $\frac{13.5}{2.38} = 5.672268908$ c) $\frac{-6.9}{23.36} = -0.2953767123$
d) $\frac{8.2}{17.8} = 0.4606741573$ e) $\frac{3.2}{13.2} = 0.2424242424$ f) $\frac{3.8}{29.16} = 0.1303155007$
g) $\frac{11.8}{6.1} = 1.934426230$ h) $\frac{12.1}{62.4} = 0.1939102564$ i) $\frac{54.88}{13.4} = 4.095522388$
j) $\frac{-3.4}{6.8} = -0.5000000000$ k) $\frac{3.2}{65.52} = 0.04884004884$ l) $\frac{17.1}{61.11} = 0.2798232695$
m) $\frac{5.28}{9.3} = 0.5677419355$ n) $\frac{14.6}{10.7} = 1.364485981$ o) $\frac{-0.9}{10.8} = -0.08333333333$

2: a) $\frac{-12}{-12} = 1.000000000$ b) $\frac{-8.5}{-3.3} = 2.575757576$
c) $\frac{12.1}{3.77} = 3.209549072$ d) $\frac{-8}{4.9} = -1.632653061$
e) $\frac{11.4}{-40.04} = -0.2847152847$ f) $\frac{-5.2}{9.4} = -0.5531914894$
g) $\frac{60.59}{5.3} = 11.43207547$ h) $\frac{-11.2}{12.1} = -0.9256198347$
i) $\frac{-10.6}{6.8} = -1.558823529$ j) $\frac{0.5}{-43.24} = -0.01156336725$
k) $\frac{2.7}{25.22} = 0.1070578906$ l) $\frac{-15.9}{-1.4} = 11.35714286$
m) $\frac{-13.4}{-1.5} = 8.933333333$ n) $\frac{-47.43}{-2.1} = 22.58571429$
o) $\frac{12.1}{32.68} = 0.3702570379$