

1. Evaluate.

a. $(-3)(8)$

b. $\frac{-30}{-6}$

c. $(-2) \times (-2) \times (-2)$

d. $(+3) + (-9)$

e. $\frac{(6)(-15)}{-5}$

f. $5 + (-3) + 7$

g. $(+8) + (+3) - (-6) + (-3)$

h. $(-5 + 3) - (8 - 12)$

i. $(+3) - (-2)(-5)$

j. $(-12) \div (-2) + (-5)(+4)$

k. $\frac{2(-5 + 3) - 2(5 - 1)}{-7 + 4}$

l. $4[-6(-2 - 7) - 5(7 + 2)]$

2. Use your knowledge of BEDMAS, fractions and integers to evaluate each expression. Write your answers in lowest terms.

a. $\frac{5}{9} - \frac{2}{9}$

b. $\frac{4}{5} + \frac{7}{15}$

c. $3\frac{1}{4} + 2\frac{2}{3}$

d. $-\frac{3}{4} - \left(\frac{-2}{5}\right)$

e. $\left(\frac{50}{-9}\right) \times \left(\frac{-27}{25}\right)$

f. $\left(\frac{5}{8}\right) \div \left(-\frac{3}{2}\right)$

g. $\frac{7}{8} + \left(-\frac{1}{4}\right) \times 5$

h. $\frac{-3}{5} \div \left(\frac{-5}{-12}\right) \div \left(\frac{-9}{10}\right)$

i. $\left(-\frac{3}{5} \times \frac{2}{3}\right) + \frac{5}{6} \div \left(-\frac{5}{3}\right)$

SOLUTIONS:

1. a. -24

b. 5

c. -8

d. -6

e. 30

f. 9

g. 14

h. 2

i. -7

j. -14

k. 4

l. 36

2. a. $\frac{1}{3}$

b. $\frac{19}{15}$ or $1\frac{4}{15}$

c. $5\frac{11}{12}$ or $\frac{71}{12}$

d. $-\frac{7}{20}$

e. 6

f. $-\frac{5}{12}$

g. $-\frac{3}{8}$

h. $1\frac{3}{5}$ or $\frac{8}{5}$

i. $-\frac{9}{10}$