

1. Evaluate:

a) $-\frac{3}{4} + \frac{1}{2}$

b) $-0.3 + 0.7$

c) $-\frac{11}{3} - \left(-\frac{4}{3}\right)$

d) $\frac{42}{0}$

e) $\frac{0}{-10}$

f) -6^2

g) $(-8)^2$

h) $\frac{12}{-3}$

i) $\sqrt{27} \cdot 0$

j) $\frac{17}{3} \cdot (-1)$

k) $\frac{16}{3} \div \frac{32}{9}$

2. Evaluate $4^2 - 8 \div |-6 + 4| \cdot (-2) + \sqrt{36 + 64}$

3. Evaluate $\frac{-|14-3^2|^2}{3(-12)+11}$

4. Evaluate $x^2 + 3x$ for $x = \frac{1}{3}$.

5. Evaluate $x^2 - 4(x - y)$ for $x = -4$ and $y = 3$.

6. True or false: $-|-5| < |-3|$