

NO LONGER NEED TO CHANGE DECIMALS TO FRACTIONS

$$(-0.8) + 1.2 \div (-0.3) \times 1.5$$

$$(-0.8) + (-4) \times 1.5$$

$$\underline{(-0.8) + -6}$$
$$\underline{\underline{-6.8}}$$

$(3 \times 0.5 \div 0.8)$
(7²)
big line, put
brackets on top
and
bottom

BEDMAS

$$(-3.2) - 0.9 \div [0.7 - (-1.2)]^2$$

$$0.7 + 1.2$$

$$(-3.2) - 0.9 \div (1.9)^2$$

$$(-3.2) - 0.9 \div (1.9 \times 1.9)$$

$$(-3.2) - 0.9 \div 3.61$$

$$(-3.2) - 0.2493$$

$$-3.4493 \approx \underline{\underline{-3.45}}$$

Always use 4 decimal places
while doing your work
and round final answers
to 2 decimal places.

Evaluate.

$$\left(-\frac{1}{2}\right)\left(-\frac{1}{2}\right) - \left(-\frac{2}{3}\right) \div \left[\frac{1}{3} + \left(-\frac{3}{12}\right)\right]$$



$$\left[\frac{4}{12} + \left(-\frac{3}{12}\right)\right]$$

$$\left(-\frac{1}{2}\right)\left(-\frac{1}{2}\right) - \left(-\frac{2}{3}\right) \div \frac{1}{12}$$

$$\frac{1}{4} - \left(-\frac{2}{3}\right) \div \frac{1}{12}$$
$$\frac{1}{4} - \left(-\frac{2}{3}\right) \times \frac{12}{1}$$
$$\frac{1}{4} - \frac{-24}{3}$$

$$\frac{1}{4} - \left(\frac{-24}{3}\right) \div 3$$

$$\frac{1}{4} - \frac{-8 \times 4}{1 \times 4}$$

$$\frac{1}{4} - \frac{-32}{4}$$

$$\frac{1}{4} + \frac{32}{4}$$

$$\frac{33}{4}$$

To convert a temperature in degrees Fahrenheit to degrees Celsius, we use the formula:

$$C = \frac{F - 32}{1.8}$$

In Fort Simpson, Northwest Territories, the mean temperature in December is -9.4°F . What is this temperature in degrees Celsius?

$$C = \frac{(-9.4 - 32)}{1.8}$$

$$C = \frac{-41.4}{1.8}$$

$$C = -23$$

pg 140 #3cd, 4cd, 7cd, 8, 9, 11, 12cd, 13, 17

challenge questions: 19, 20, 21