

The City School

BLOG WORKSHEET

MATHEMATICS

GRADE 7

TOPIC ; Rational Numbers, Estimation and Approximation

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Q1.Evaluate the following:

a) $140 \div (-7) \div 6$

b) $(-264) \div 11 \div 8$

c) $(-56) \div [7 + (-14)]$

d) $(-9) \times (-4) \div (-5)$

e) $\frac{(-123) \times [19 + (-19)]}{38}$

Q2. Simplify the following:

a) $-2\frac{3}{4} + \left[-1\frac{1}{2}\right] - \left[-1\frac{2}{3}\right]$

b) $-7\frac{1}{3} \div 1\frac{5}{6}$

c) $\left[-2\frac{5}{7}\right] \div \left[1\frac{1}{3}\right] \times \left[-\frac{3}{4}\right]$

d) $\left[\frac{1}{4} - \frac{3}{4}\right] \div \left[-\frac{1}{4}\right]$

e) $\left[-\frac{3}{4}\right] \times 1\frac{1}{2} + \frac{3}{4} \times \left[-2\frac{4}{5}\right]$

Q3. Express the following numbers correct to one decimal place:

a) 36.148 _____

b) 2.497 _____

c) 18.5095 _____

Q4. Express the following numbers to correct to two decimal places:

a) 4.698 _____

b) 26.8047 _____

c) 0.045 _____

d) 14.937 _____