

Review IIIB - Unit 3

Do not use a calculator!

- Order the following from least to greatest: 0.3 , $-2.\bar{5}$, $\frac{3}{8}$, $-\frac{5}{2}$, $\frac{7}{5}$
- In each pair, which number is greater? Explain your answer.
 - $-\frac{9}{7}$, $-\frac{7}{9}$
 - $-7.0\bar{5}$, -7.05
- Write three rational numbers between -5.6 and -5.5 .

4. Evaluate:

a. $2\frac{2}{5} + \left(-4\frac{1}{2}\right)$

b. $-6\frac{3}{8} + \left(-1\frac{1}{5}\right)$

c. $3\frac{2}{7} - 4\frac{3}{5}$

d. $3\frac{1}{4} - \left(-2\frac{2}{3}\right)$

e. $\frac{2}{5} \times \left(\frac{-1}{2}\right)$

f. $\left(-\frac{21}{4}\right) \times \left(-\frac{8}{35}\right)$

g. $\left(-4\frac{3}{5}\right)\left(-2\frac{5}{12}\right)$

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

i. $\left(-\frac{6}{4}\right) \div \left(-\frac{5}{12}\right)$

j. $\left(5\frac{3}{7}\right) \div \left(-2\frac{5}{7}\right)$

k. $-2.7 + (-3.1)$

l. $-5.3 + 7.8$

m. $-4\frac{2}{3} \div \left[\left(-\frac{1}{3}\right) + 4\frac{1}{6}\right] + \left(-3\frac{2}{5}\right)$